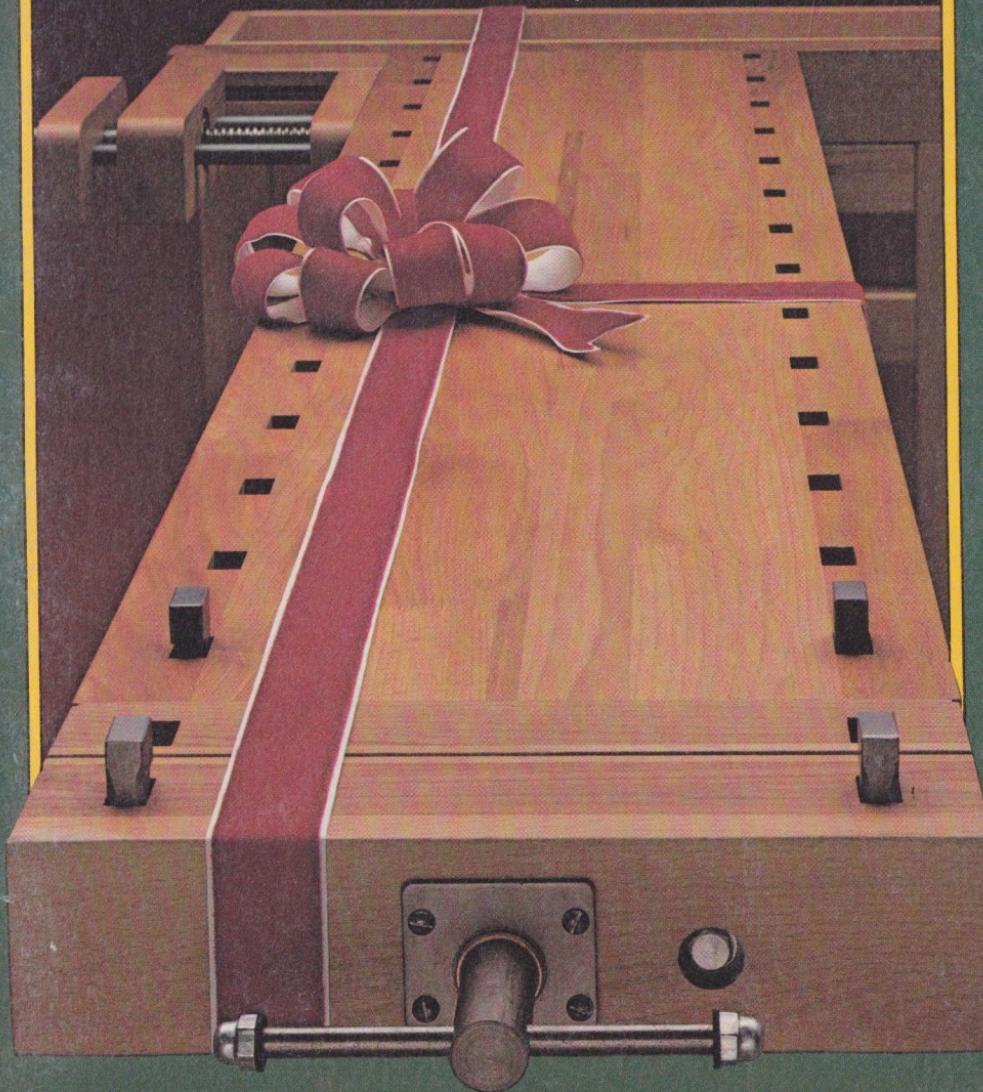
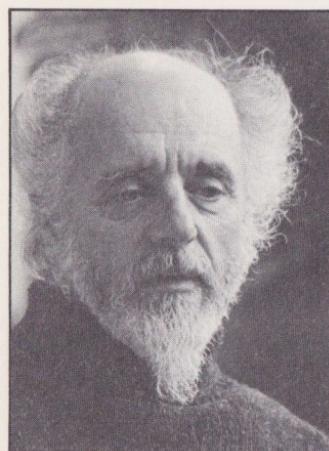


LEICHTUNG INC.  
"THE Workbench People"

# 1980 Winter Wishbook



# Krenov's Latest!



## The Impractical Cabinetmaker by James Krenov

Don't be misled by the title. This is a very practical book that covers a variety of subjects in Jim Krenov's very sensitive, unique way. He writes on the use of veneer and the basic considerations of solid wood; the challenges of showcases and the choice and placement of hinges. He speaks of design and function and takes us step-by-step through the making of a chess table. Krenov at his best. Hard cover, 164 pages.

Other Krenov books are on page 21.

□ VNR30 - Impractical Cabinetmaker.....\$16.95

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# How To Make Your Dreams Come True!



## Use "The Prompter"

We received so many "thank you" notes for last year's Winter Wish Book that we're repeating it this year. It's fun! Here's how it works:

As you go through this catalog, you'll notice that we've left a neat box next to each item. Put a red check mark in the box next to the tools you've always wanted.

Now you play it cool: When your birthday, anniversary or Christmas comes along, you casually leave the Wish Book where a possible donor is likely to see it — like on a bed pillow, or attached to the refrigerator door, or hanging by a string over the kitchen sink. (After all, you don't want to be obvious!)

If all else fails, you will at least have made your selections so that when you send in your own order, you'll have no trouble finding the items you wanted.

Isn't this better than having to say, "Gee, just what I've always wanted!", when you get a green plaid handkerchief?

A handwritten signature in blue ink that reads "Ric Leichtung".

Ric Leichtung, President  
LEICHTUNG, INC.

P.S. Seriously, whatever the occasion, we wish you  
THE BEST!



## The Master Cabinetmaker's Tool Chest

Sure you've already got quite a few tools. But the chances are that they vary in quality from dime-store up to Leichtung. Here's your chance to upgrade and complete your shop and save \$99.30 at the same time.

Every single item is of top Leichtung quality and belongs in your well equipped shop. All that's missing are your Lervad bench and your power tools! The set shown includes:

Item # - Description - Page #	Item # - Description - Page #	Item # - Description - Page #
GO43 (GW43) Chest..... 6	2108 (7) Collars..... 16	888 (8) Dowel Centers..... 19
COMBO A (3) Stones.... 38	3535 (4) Bits ..... 16	5211 (4) Counterbores ..... 17
LV14 Mallet..... 44	F525 (5) Screwdrivers.... 32	5273-5297 (4 ctns) Dowels... 19
BR642 (6) Chisels ..... 34	16/4 Screwdriver ..... 33	HON-1 Oil ..... 38
COM14 Hammer ..... 18	DTG1 Gauge ..... 28	JR10 Saw Rasp ..... 47
NW5710 Hammer ..... 30	5243 Doweller..... 18	SS135 Scratch Stock ..... 24
TT8 Saw ..... 29	810 Honer ..... 36	471 (6) Key Files ..... 50
TT12 Saw ..... 29	FM500 (5) Gouges ..... 46	450 (8) Rifflers ..... 49
151SS Spokeshave..... 50	830 Square..... 25	891 (2) Web Clamps..... 14
3218 (2) Clamps..... 15	829 T-Bevel..... 25	B44 Brad Pliers ..... 52
243 (2) Clamps..... 15	7567 (3) Plug Cutters .... 17	SX5 Extractors..... 50
FB555 (5) Bits..... 17	481 Snips ..... 58	445 (6) Needle Rasps ..... 48
DC35 (7) Bits/doweller... 19	HA10 Knife..... 45	F151 Breast Drill ..... 20

The total cost, if each of the above were bought separately would be \$994.30. Order this CMTO (w/oak chest) or CMTW (w/walnut chest) and save \$99.30. **FOR SUBSTITUTIONS OF EQUAL OR GREATER VALUE**, please write Ric Leichtung.

- |  |          |
|--|----------|
| <input type="checkbox"/> CMTO - Master Tool Chest (Oak).....     | \$895.00 |
| <input type="checkbox"/> CMTW - Master Tool Chest (Walnut) ..... | \$895.00 |

# J Journeyman Cabinetmaker's Tool Chest

In bygone centuries, each craft had its own guild. Members of the guild worked their way up from apprentice to foreman to journeyman. To be a journeyman was to be a man well respected in your profession. After all, there was only higher rank: The Master.

Leichtung's journeyman's chest has all of the tools necessary for most jobs. It is a visual symbol of your skill and creativity. Plus, the set saves you \$65.40 off the individually priced items or combinations!

Item # - Description - Page #	Item # - Description - Page #	Item # - Description - Page #
GO43 (GW43) Chest..... 6	2108 (7) Collars..... 16	5211 (4) Counterbores ... 17
COMBO A (3) Stones..... 38	F525 (5) Screwdrivers.... 32	HON-1 Oil..... 38
BR642 (6) Chisels..... 34	810 Honer ..... 36	JR10 Saw Rasp ..... 47
COM14 Hammer ..... 18	830 Square..... 25	471 (6) Key Files ..... 50
NW5710 Hammer ..... 30	829 T-Bevel..... 25	891 (2) Web Clamps ..... 14
TT12 Saw..... 29	7567 (3) Plug Cutters .... 17	445 (6) Needle Rasps .... 48
DC35 (7) Bits/doweller... 19	888 (8) Dowel Centers... 19	

The total cost if each of the above were bought separately would be \$564.40. Order the JMTO (w/oak chest) or JMTW (w/walnut chest) and save \$65.40. **FOR SUBSTITUTIONS OF EQUAL OR GREATER VALUE**, please write Ric Leichtung.

- JMTO** - Journeyman's Chest (Oak) ..... \$499.00  
 **JMTW** - Journeyman's Chest (Walnut). ..... \$499.00





## Solid Oak Or Walnut Cabinetmaker's Chest

You can spot a **real** craftsman by how he keeps his tools — and what he keeps them in. He has pride.

This chest is wonderfully constructed in a turn-of-the-century way which is a pure delight to behold. It is big enough to hold just about all of your most prized hand tools with ease. Felt-lined poplar drawers protect your razor-sharp cutting edges. Heavy nickel plated hardware recalls the old, quality days. Leichtung offers it to you with pride.

**Specifications:** Overall dimensions are 26x14x10½". Top well interior dimensions: 25x9¾x3¼". Five hand fitted drawers: two are 11½x8½x1"; two are 24¼x8¼x1"; and the huge bottom drawer is 24¼x8½x3". Two keys included. (Front cover ingeniously locks in place, when the top is latched to foil "tool snatchers.") Specify walnut or oak, please.

- |   |          |
|---|----------|
| <input type="checkbox"/> GO43 - Oak Tool Chest .....    | \$239.00 |
| <input type="checkbox"/> GW43 - Walnut Tool Chest ..... | \$239.00 |



## Tool Tote

Why carry a metal tool chest around — and add 10 lbs. or more to your load — when Leichtung's Tool Tote will carry **more** tools (it's a big 24 x 7 x 6") and weighs less than two pounds! It's made of heavy-duty burlap with PVC waterproof interior. The handles are canvas stitched over rope and run all the way around and under the tote. Fiberboard bottom internally and vinyl bottom (with 4 metal glides) externally, make for durability. "D" ring even lets you lock your tote. Heavy-duty nickel plated zipper. Besides, who ever heard of burlap rusting?

**TH300 - Tool Tote.....\$22.95**



## Here's a "Hangup" You Really Need!

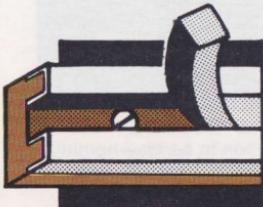
Magnetic strips have been around for years. We tried one once and were unimpressed. It was fine for holding a paring knife but that was about it.

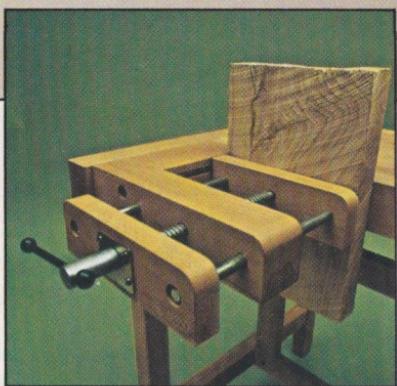
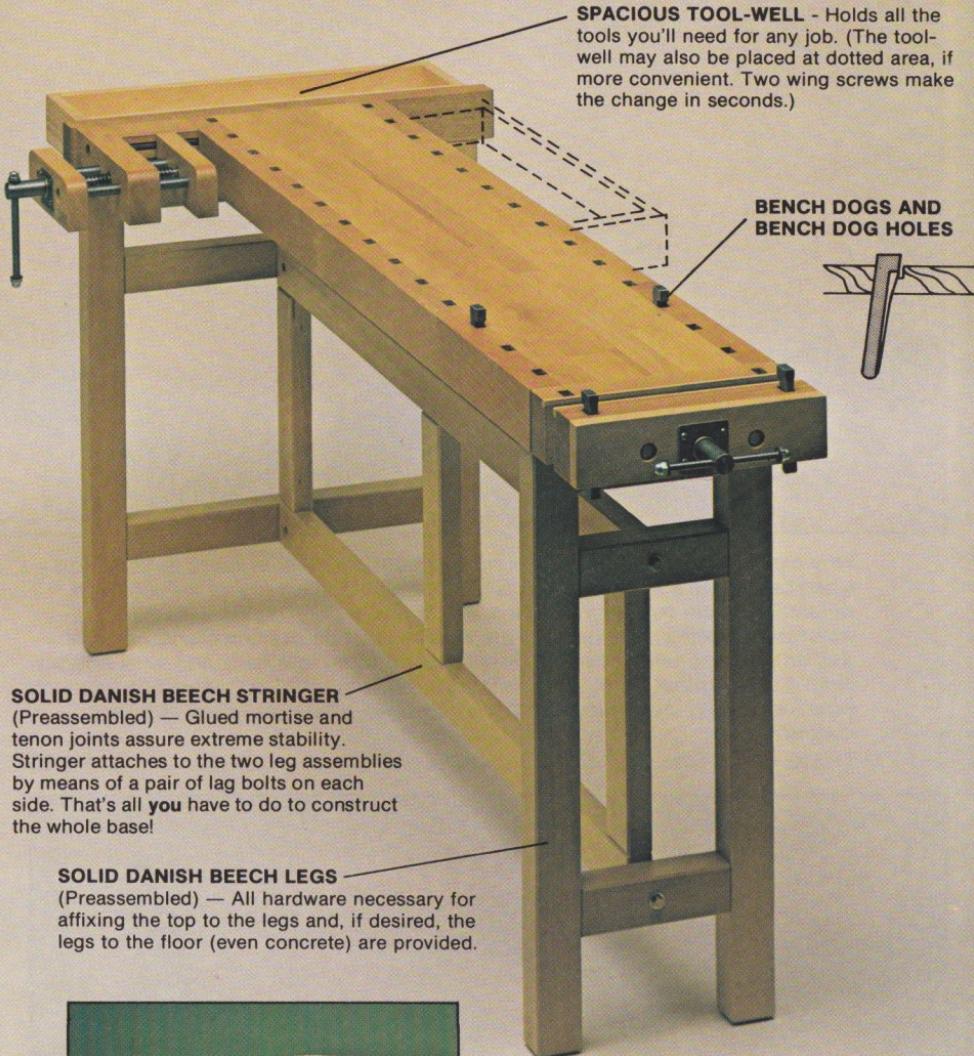
Then we came across this one in England and were astonished. To test it, we jammed every inch of it with the heaviest tools we could find. They all held fast! Even round items (where very little surface touched the magnets) presented no problems. They may be cut or placed end to end to form a tool wall or corner.

Walnut stained hardwood base; two mounting screws; 450mm (17 $\frac{3}{4}$ ") length.

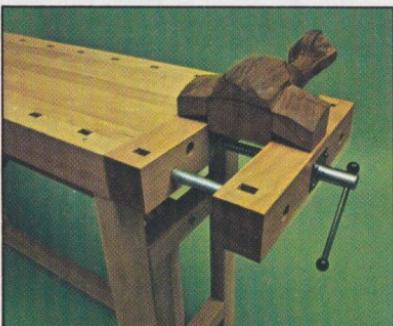
**BB450 - Magnetic Holder .....\$9.50**

**4 or more (save \$1.70 each).....\$7.80 each 7**





**VERTICAL-HOLD SHOULDER VISE** — For vertical holding of almost any size timber . . . even sheets of panelling. This is made possible by the ingenious construction of the vise . . . the two guide rods and the Acme threaded spindle do not interfere with the solid beech vise jaws. Ideal for dovetail cutting, end-grain planing and carving.



**HORIZONTAL-HOLD TAIL VISE** — In addition to its function in surface-holding, the tail vise holds timber up to 7". Used when shaping, paring, mortising, tenon sawing, side planing and much more.

# The New Six Foot LERVAD

## □ -At An Affordable Price-

In recent years, the price of the largest Lervad model has risen swiftly. (See page 3.) Well we've reversed the price rise! Yet the new model 666, shown on these pages, is still worthy of being the top of the Lervad line.

Lervad has been the quality name in woodworking benches, since the late 19th century. In fact, it is usual in Denmark for the "Lervad" to be part of a child's legacy. With normal care due any fine tool, your Lervad will probably be used by your grandchildren.

**BECOME THE BEST WOODWORKER YOU CAN BE** - These are precision tools; completely versatile "work islands" which give you controlled, close-up access to your workpiece from all sides. They are masterpieces of design and beauty themselves.

**EXPERIENCE LERVAD QUALITY** - All Lervad "work islands" are machined to tolerances of .2mm (.008") in a humidity controlled factory. Danish beech, slow growing because of the climate, is very hard. This furniture grade timber is seasoned from 4 to 6 months. It is then kiln-dried to an extremely low 5% humidity (a 4 to 6 week process which simply can't be hurried). Next comes a month of "relaxing", to permit defects to show up. Then, and only then, is the workbench crafted.

To preserve the amazing tolerances, the completed top is totally immersed in linseed oil which soaks  $\frac{1}{4}$ " into the grain . . . top and bottom. Finally two coats of lacquer are applied to completely seal the timber against humidity changes.

A quality addition: The tail vise on this new model has inlaid jaw edges of solid white hornbeam, one of the world's hardest woods. This will preserve your vise squareness for generations of hard work.



**FOUR-POINT SURFACE HOLD** — The tail vise block contains a pair of bench dogs, which become the tightening "jaw" of the four-point surface hold system.

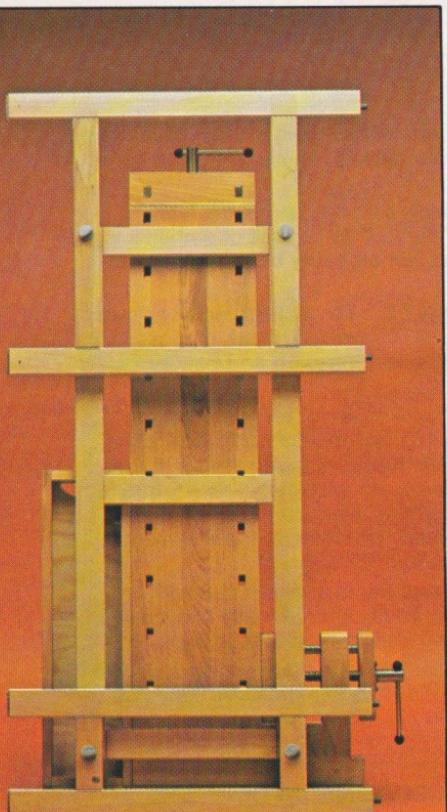
Indispensable for face planing, drilling, rabbeting, fret sawing, chiseling or relief carving.

### SPECIFICATIONS - MODEL 666

Length (vise, closed, including tool well) .....	6 feet
Height .....	33"
Width at end with shoulder vise .....	29 $\frac{1}{2}$ "
Width at end with tail vise .....	13"
Capacity of bench dogs .....	65"
Tail vise capacity.....	7"
Shoulder vise capacity.....	8 $\frac{3}{4}$ x 3 $\frac{1}{2}$ "
Weight.....	117 lbs
Dog slots each side .....	17
Packing.....	2 cartons
<b>MODEL 666.....</b>	<b>\$499</b>

**L**<sup>A</sup> **LERVAD**  
**LEICHTUNG, INC.**  
SOLE U.S. DISTRIBUTORS

# The Incomparable LERVAD 610 □

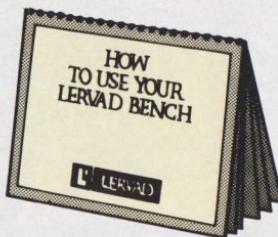


**MODEL 610 (FOLD-AWAY POSITION)**-Only the Model 610 can be folded away for storage. Takes less than 2 minutes! Simply loosen four wing-screws! So, it can be taken on jobs or stored in a closet. Yet, when set up, it has complete stability.

The 610 is so ruggedly built that almost half the schools in England and the continent use them in their shop classes . . . and you know how hard kids can be on tools!

Little touches in the 610 series produce this extra toughness. For example, the upper edges of the tail vise jaws are inset with super-hard hornbeam so that even careless abuse will maintain the squareness of these jaws. This, my friend, is quality. These kinds of features are what make a Lervad a real value for your money.

A very desirable aspect of the Model 610 is the fold-away feature which makes it ideal for apartment dwellers and others with space limitations. Furthermore, the 610 can be permanently fixed, whenever space does become available. Great for young couples on the grow.



## OUR CUSTOMERS SAY:

*"The Lervad arrived in plu-perfect condition on January 11th. What a way to begin the year and the rest of a lifetime of endeavor for perfect woodworking and wood carving!"*

H. B. Wall, Santa Ana, California

Every day, customers tell us about new uses they've discovered for their Lervads. With each Lervad model, we send you a 16 page manual of suggested uses. When you get your bench, you'll think of dozens of more ways to put it to use.



You Can Order Tools By Phone:  
**CALL TOLL FREE 800-321-6840**  
Ohio Residents Call: (216) 831-6191



LERVAD  
LEICHTUNG, INC.  
SOLE U.S. DISTRIBUTORS



MODEL 610

#### OUR CUSTOMERS SAY:

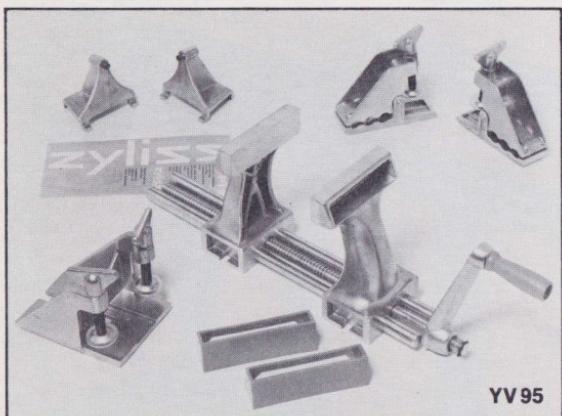
*"I received your Lervad 610 as a present. I think — make that KNOW — that it was one of the most pleasant surprises of my life. It is the most useful and beautiful tool that I own."*

B. Watson, Hampton, Virginia

#### SPECIFICATIONS - MODEL 610

Length (vise closed but including tool well).....	60"
Height .....	32 $\frac{1}{4}$ "
Width at end with shoulder vise .....	27"
Width at end with tail vise .....	10 $\frac{1}{2}$ "
Capacity of bench dogs .....	51"
Tail vise capacity .....	7"
Shoulder vise capacity .....	7" x 3 $\frac{1}{2}$ "
Weight.....	91#
<b>MODEL 610.....</b>	<b>\$399</b>

# Zyliss Vise System



The Zyliss people do things the right way. When they decided to make a vise system second to none, they assembled a group of cabinet-makers and carvers and asked them a single question: "List every function that you would like a vise system to perform." Standing by were their Swiss engineers; questioning, taking notes and sketching. Two years later, the system was born.

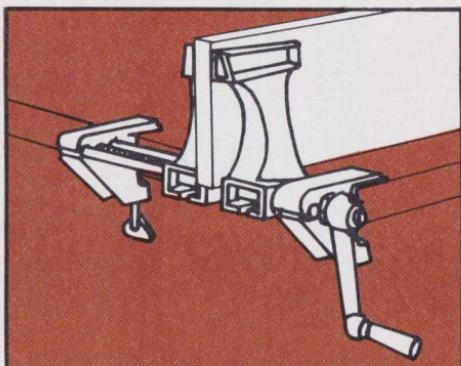
In typical Swiss style, the finished piece is a jewel. Shown, are only some of the things a Zyliss can do.

**YV95 - Zyliss Vise ..... \$99.95**

The ZYLISS SYSTEM comes to you packed as a kit complete with two bench clamps, two turning centers, an end stop, soft jaws and well-illustrated instruction book, as shown above.

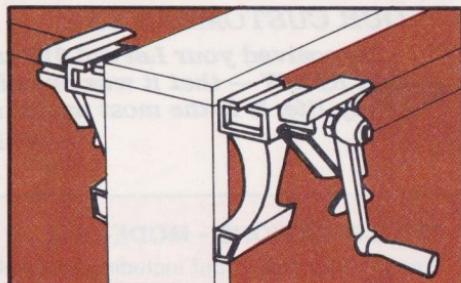
## VERTICAL OR HORIZONTAL HOLDING

In this position, the work may be gripped vertically, by the thickness or width; or horizontally along the bench. Notice that the work is held in a 4 point grip (upper jaws and lower base) thus locking and boxing the work in.



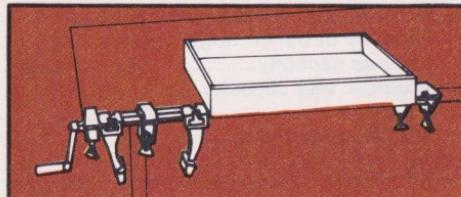
## THE LOW JAW GRIP

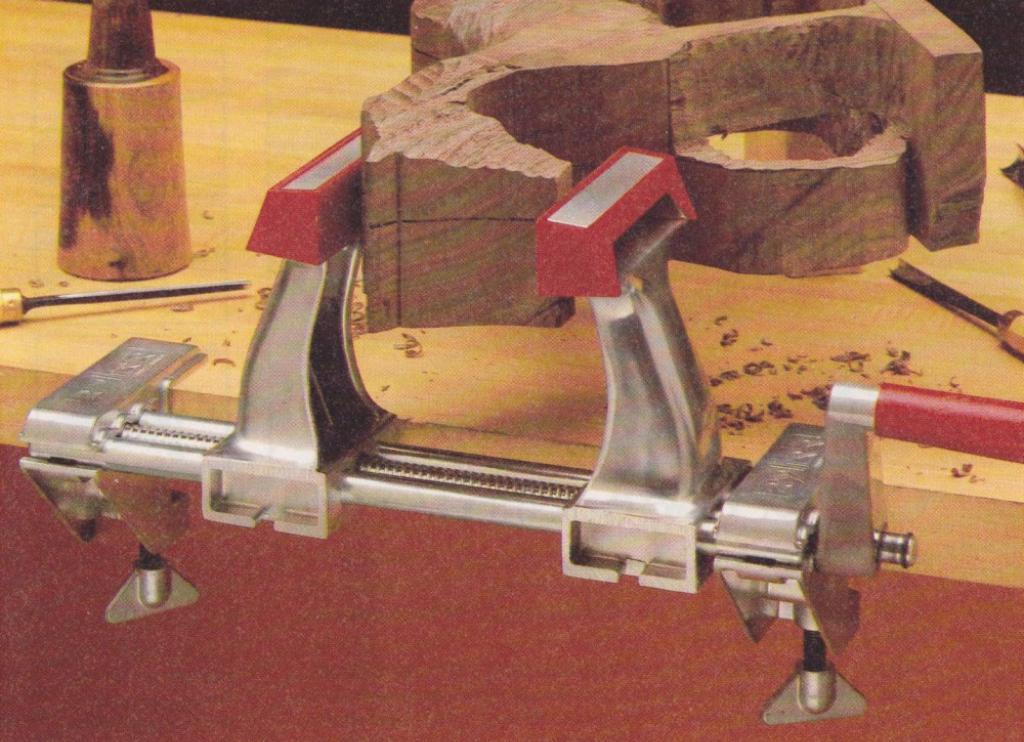
Flip the vise, as shown. Since the low jaw grip holds the **sides** of the work, you now can use your power planer, sander or router without the hindrance of usual clamps. Notice how convenient this position is for gripping a right angled joint for drilling, dowelling, gluing or nailing. Great for mitered joints.



## FLUSH END STOP POSITION

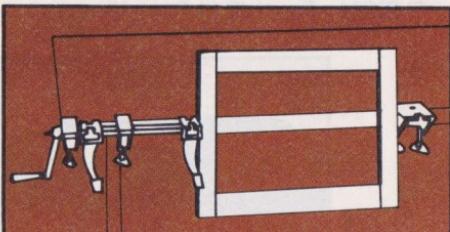
For workpieces larger than the  $6\frac{1}{2}''$  available on the "Low Jaw Grip," the end stop is used. The lip of the end stop and the base of the jaw are above the bench surface so that the limiting factor is the length of your bench. At last, a way to hold 8' sheet material while marking out or cutting!





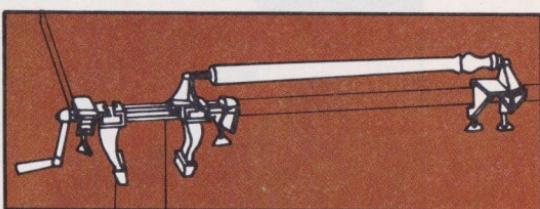
### BAR OR SASH CLAMP POSITION

Reverse the moving jaw and use it to oppose the side of the end stop and you've got an ideal vertical hold, unimpeded by spindles. This is what you need for end grain planing, or edge planing doors and frames as well as gripping drawers and other rectangular pieces. In this position you can even hold the work at 45° angles for chamfering.



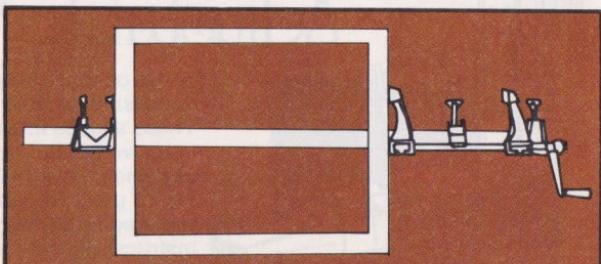
### TURNING OR CARVER'S CENTERS

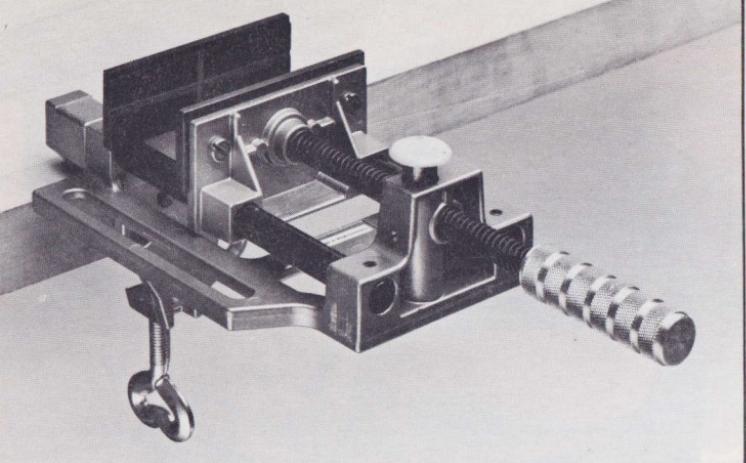
Designed to handle awkward pieces like table legs while sanding or finishing (without fingerprints!). These centers are a carver's delight because they'll grip just about any size or shape you're working on.



### UNIVERSAL CLAMP

Reverse the moving jaw and mount the vise and the end stop on a 2 x 2 and you've got as long a clamp as you need to clamp doors, flooring, decking — what have you got in mind?



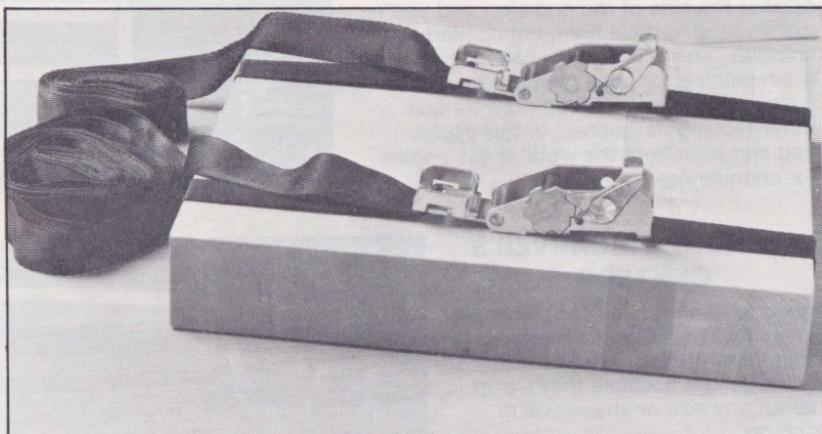
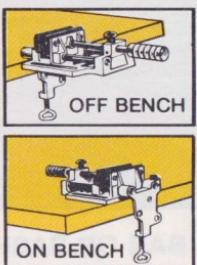


## Quick Release Bench and/or Drill Press Vise

This is the most versatile yet inexpensive vise we've ever offered. It can be positioned on or off even a 2 1/2" thick work surface . . . or can easily be bolted to a drill press table (and just as easily removed.)

Quick release button lets you slide the jaw right up to your workpiece instantly. Grooved, hardened steel jaws grip round, flat and even triangular stock. Jaws: 4" wide and 1 3/8" high, open to 4". Lightweight cast aluminum body makes for easy portability. German precision tool.

60234 - Bench/Drill Press Vise ..... \$37.95



## Adjustable Web Clamp

Large or irregularly shaped items are nigh impossible to hold with conventional clamps. These shapes **must** be held by web clamps. The nylon webbing won't mar your workpiece, yet is extremely powerful. These clamps exert up to 600 lbs. of pressure evenly. Heavy duty nylon webbing is 12' long and easily applied. Instructions included.

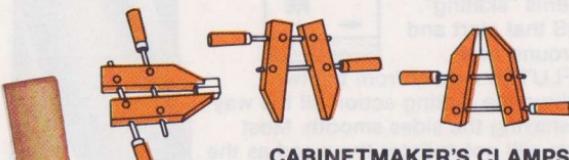
891 - Web Clamp..... \$7.50



**QUICK ACTION BAR CLAMPS** - For gluing up larger pieces. Just slide moveable jaw up to joint and turn the swivel tightly. (We recommend a shim between the metal jaws and your workpiece to prevent marring.) Depth of all sizes is  $2\frac{1}{2}$ ". Almost always used in pairs or more.

□ 326 - 6" Bar Clamp	\$6.75
□ 3212 - 12" Bar Clamp	\$7.50
□ 3218 - 18" Bar Clamp	\$8.50
□ 3224 - 24" Bar Clamp	\$9.50

## JAWS



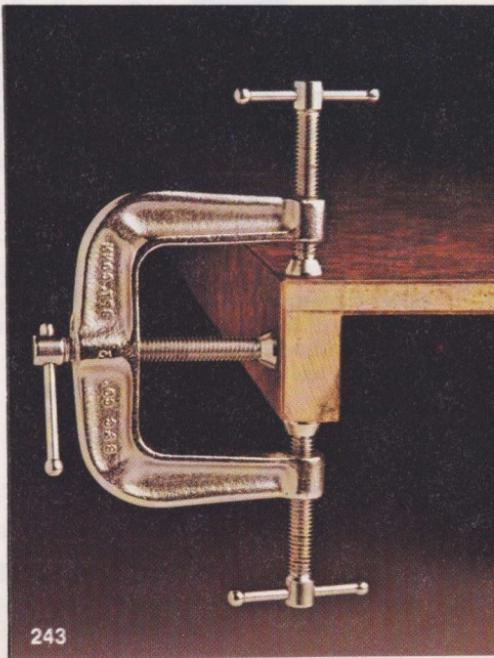
**CABINETMAKER'S CLAMPS** - We can't imagine how any well equipped shop can do without several pairs of these clamps. An absolute must in assembling, gluing up, and laminating. Oiled, seasoned hardwood jaws won't mar your work. Steel spindles, nuts and ferrules. Built to serve for years.

Model No.	Jaw Length	Open Capacity	Price Each
□ 006	6"	3"	\$12.50
□ 008	8"	4½"	13.95
□ 010	10"	6"	15.95
□ 012	12"	8½"	18.50
□ 014	14"	10"	22.95



**EDGING CLAMP** - End screws attach to piece to be edged or veneered. Center screw holds veneer, molding, trim or any edging while glue sets or brads are tacked in. Iron frame with steel screws and swivels. Throat depth  $2\frac{1}{2}$ ", open capacity  $2\frac{1}{2}$ ". Since equal pressure is so important in this work, clamps should be applied no more than 10-12" apart.

□ 243 - Edging Clamp	\$6.50
----------------------	--------



# NOW You Can Use The WOODBITS The PRO's Use!

PROFESSIONAL WOODBITS are NOT available in hardware stores. Stores only carry spade bits which tear grain, clog and bind; or metal-cutting twist bits that also bind and — what's worse — "skate" off the mark.

## Why Is A WOODBIT Best?

A PROFESSIONAL WOODBIT has four features designed specifically for wood:

- A CENTER SPUR that locks your bit on course and so prevents "skating".
- TWO CUTTING SPURS that start and dimension a perfectly round hole.
- EXTREMELY SHARP FLUTES extend from the two cutting spurs and continue the cutting action all the way through the wood . . . shaving the sides smooth. Most important, the two spurs will not splinter the wood as the bit cuts through . . . as spade or metal cutting bits do.
- THE CUTTING FLUTES ARE ENGINEERED for maximum chip ejection so that your drilling machine won't bind and burn out.



LEICHTUNG'S PROFESSIONAL WOODBITS can be used in portable drills or drill presses with chucks of  $\frac{3}{8}$ " or more. 7 piece chrome-vanadium steel set includes  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$  and  $\frac{1}{2}$ " sizes. Lengths from  $2\frac{3}{4}$  -  $5\frac{3}{4}$ ". Made by German professionals for pros or "wood-be" pros.

3500 - 7 Piece Woodbit Set ..... \$15.95



### MATCHING DEPTH ADJUSTING COLLARS

Get the precision of a costly drill press for less than \$10.00. Here's how it works:

Figure the desired depth of the hole; slip the collar over the bit to that depth; fix the collar position with the set screw - and drill. This set has a collar to fit each bit in the 7 piece woodbit set. Tool steel.

2108 - 7 Piece Depth Collar Set ..... \$9.95

**Buy Both Bits and Collars and SAVE \$2.00**

3521 - 7 Piece Bit Set With Matching Collars ..... \$23.90

## Big Woodbits

Our #3500 Woodbit Set, above, is so popular that many customers have asked for larger sizes . . . so here they are. These are really top quality professional cutting tools. Primarily for use in a drill press; they can be used in any powerful portable drill with a  $\frac{3}{8}$ " or larger chuck. Each bit in its own wallet.

ITEM #	SIZE	LENGTH	PRICE
<input type="checkbox"/> 3558	$\frac{5}{8}$ "	7"	\$10.95
<input type="checkbox"/> 3534	$\frac{3}{4}$ "	$7\frac{1}{8}$ "	\$12.50
<input type="checkbox"/> 3578	$\frac{7}{8}$ "	$7\frac{1}{8}$ "	\$13.95
<input type="checkbox"/> 3510	1"	$7\frac{1}{8}$ "	\$15.50

3535 - All four bits (Save \$12.95) ..... \$39.95

3562 - Complete 18 Piece Drill Set (Save \$16.80) ..... \$62.00

18 Piece Set Includes: 7 Bits:  $\frac{1}{8}$ - $\frac{1}{2}$ "; 7 collars to match

**PLUS 4 BIG WOODBITS:  $\frac{5}{8}$ -1".**

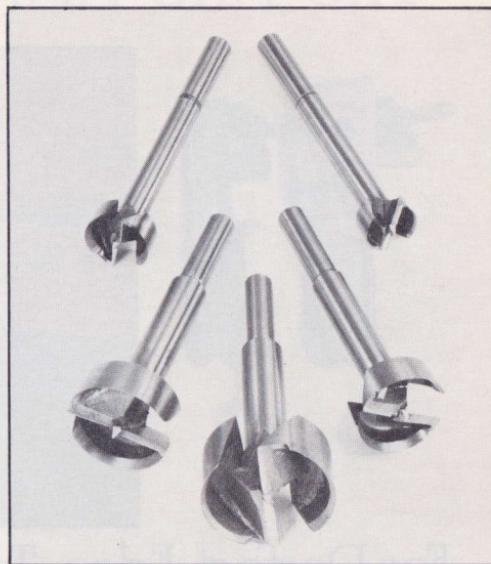
# Forstner Bits

These German precision bits should be better known because they make some very difficult jobs very easy. Forstner bits are primarily used where a perfectly flat-bottom hole is needed. They produce smooth, polished holes of very precise size to exact depths. Ideal for chair or ladder rung holes.

Also used for making large holes in heavy timber or holes for recessed bolt heads.

Thru-holes for door locks or blind holes for plugs above countersunk screws are a breeze. A good idea, when rabbeting or grooving, is to drill holes of exact width and depth first, to prevent splitting. Any  $\frac{3}{8}$ " (or larger) chuck will accept the shanks. All bits  $3\frac{1}{2}$ " long. Carbon tool steel.

<input type="checkbox"/> FB58 - $\frac{5}{8}$ " Forstner Bit .....	\$12.95
<input type="checkbox"/> FB34 - $\frac{3}{4}$ " Forstner Bit .....	\$13.95
<input type="checkbox"/> FB100 - 1" Forstner Bit.....	\$15.95
<input type="checkbox"/> FB118 - $1\frac{1}{8}$ " Forstner Bit .....	\$16.95
<input type="checkbox"/> FB138 - $1\frac{1}{8}$ " Forstner Bit .....	\$19.95
<input type="checkbox"/> FB555 - Set of all 5 Forstner Bits (Save \$1.75).....	\$78.00



## Drill And Counterbore Set

Completely prepare wood to receive any length wood screw in one single operation. These fit any  $\frac{1}{4}$ " or larger power drill and may be adjusted for different depths to accommodate various screw lengths. Four piece set with drill and counterbore for any length and head style of screw (#6-12). Instructions included.

<input type="checkbox"/> 5211 - Drill and Counterbore Set .....	\$7.95
---	--------



## Set of 3 Plug Cutters



Hide unsightly holes where screws, nuts and nails were inserted by cutting a perfectly formed wooden plug from scrap material to fill the hole. If plug is made from same stock as workpiece, stains match perfectly. No need for hard-to-use wood doughs. Shank is  $\frac{1}{4}$ ". For 3 most popular sizes:  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ".

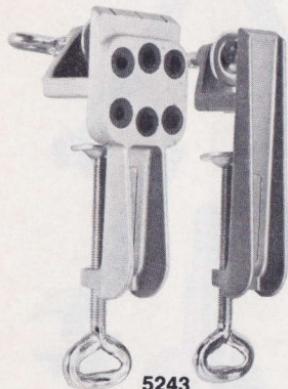
<input type="checkbox"/> 7567 - Plug Cutters .....	\$14.95
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You Can Order  
Tools By Phone:



CALL TOLL FREE 800-321-6840  
Ohio Residents Call (216) 831-6191

# The Fine Art of Dowelling



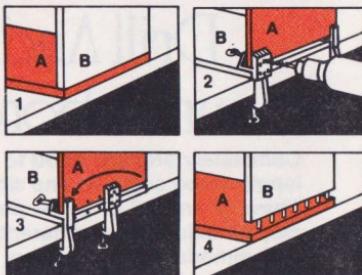
5243



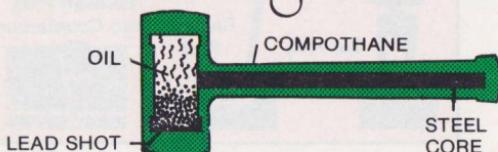
## For Perfect Edge-To-Surface Dowelling

Most really great ideas are basically simple. This is so simple that it is foolproof! First set up the boards as you want them dowelled. Second, reverse the board positions so that surfaces to be drilled face you. Then clamp; drill the matched pair — perfectly aligned — and go on to the next one. That's all there is to it! Handles dowels of  $\frac{1}{4}$ ",  $\frac{5}{16}$ " and  $\frac{3}{8}$ " sizes. (For absolute accuracy we recommend our 3500 Brad Point Bit set on page 16.) Die cast aluminum, hardened steel dowel hole inserts. Full instructions included. Another German precision tool.

5243 - Dowel Jig Clamps ..... \$21.95



## No-Mar, No Bounce Assembling Hammers



Lead shot, in a canister filled with oil, moves forward as you swing the hammer to produce a no-bounce blow. The outer shell of compothane will not mar wood and can also be used to hammer dents out of metal. So these hammers are ideal for assembling or disassembling furniture, for driving lathe centers or to save wooden chisel handles.

- |   |         |
|---|---------|
| <input type="checkbox"/> COM24 - 24 oz., 11" No-Mar Hammer..... | \$16.95 |
| <input type="checkbox"/> COM14 - 14 oz., 10" No-Mar Hammer..... | \$13.50 |
| <input type="checkbox"/> COM8 - 8 oz., 10" No-Mar Hammer.....   | \$12.50 |



IMPORTANT – Please Fold On Line

PLACE  
STAMP  
HERE

# LEICHTUNG, INC.

4944 Commerce Parkway  
Cleveland, Ohio 44128



# STOP RUST!

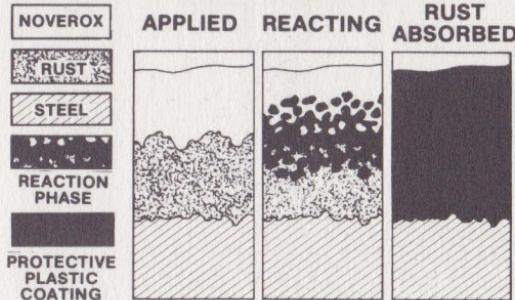
## NOVEROX Turns Rust Into A Protective Coating!

I saw this product at the Hardware Show and couldn't believe my eyes! I, myself, took a badly rusted strip of sheet metal and smeared on a white liquid (looks like white glue).

In a few seconds, it turned flat black. In a couple of minutes, I tried twisting and bending the metal — and no flaking occurred. I couldn't scratch off the black compound with a key.

I took the piece home and let it stand in water for an hour and then left it on a bench overnight — no rusting! I painted over it and the paint stayed beautifully, because a NOVEROX treatment acts as a primer.

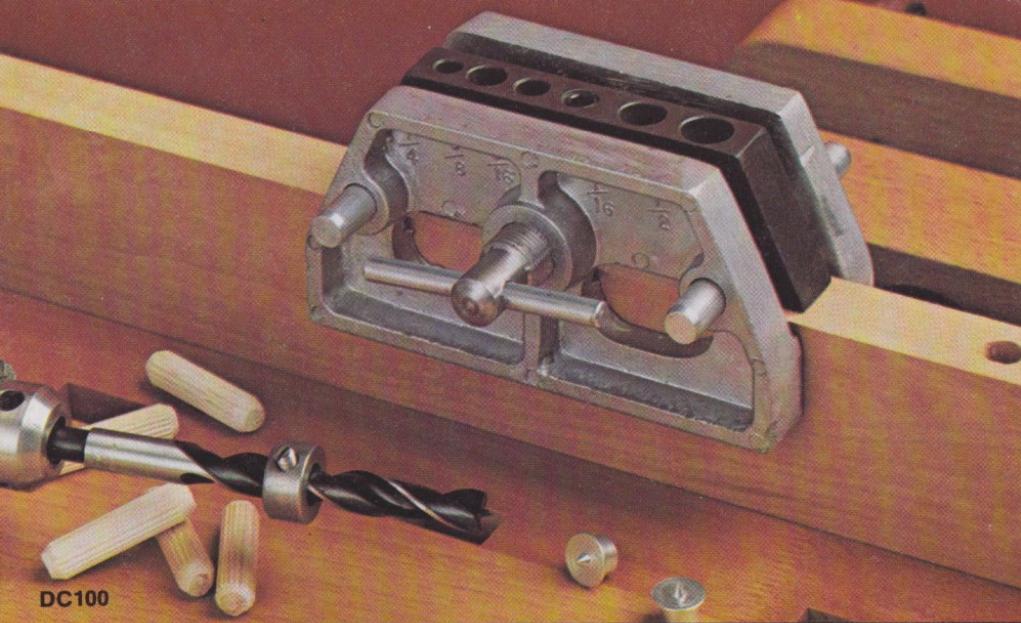
### Here's How It Works



You can apply it with a brush, roller or spray gun. (I smeared it on with my finger! It contains no harsh chemicals and will not harm or discolor clothing.)

This stuff is great for any rust situation — outdoor furniture, tools, gardening equipment or as a primer for banged fenders. 12 oz.

NOV4 - Stop Rust..... \$7.95      18B



**DC100**

## For Perfect Edge-To-Edge Dowelling

This is one of the best designed and finely machined tools in our catalog. It self-centers itself so that you automatically put the dowel in the dead middle of your stock. (Off center drilling is accomplished by using a shim between clamping face and your stock.) Can also center holes in round stock.

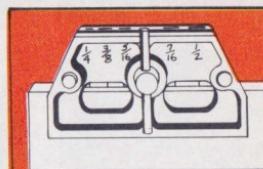
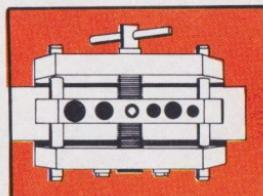
It handles workpieces up to 2" thick.

Side size markings guarantee perfect alignment.

Hardened steel drill guide holes accept  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$  and  $\frac{1}{2}$ " drills.

For perfect results, use with our #3500 Brad Point Bit Set on page 16. Instructions included.

<input type="checkbox"/> DC100 - Edge-To-Edge Dowel Jig .....	\$27.95
<input type="checkbox"/> DC35 - Combo DC100/3500 Bit Set (Save \$3.95) .....	\$39.95



**Fluted Dowel Pins** - Pregrooved to accept glue smoothly for tight fitting joints.

<input type="checkbox"/> 5273 - Set of 36 Dowels - $\frac{1}{4} \times 1\frac{1}{4}"$ .....	\$1.00
<input type="checkbox"/> 5274 - Set of 33 Dowels - $\frac{5}{16} \times 1\frac{1}{2}"$ .....	\$1.00
<input type="checkbox"/> 5275 - Set of 30 Dowels - $\frac{3}{8} \times 1\frac{1}{2}"$ .....	\$1.00
<input type="checkbox"/> 5297 - Set of 18 Dowels - $\frac{1}{2} \times 1\frac{1}{2}"$ .....	\$1.00
<input type="checkbox"/> 888 - Dowel Center Set .....	\$2.50

## Dowelling Accessories

**Dowel Center Set** - set of eight dowel centers. Two each of 4 sizes,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$  and  $\frac{1}{2}$ ". Here's how they work: drill hole (using one of the proper dowelling jigs described above) and insert the correct size center. Position the two pieces to be joined accurately and then tap lightly to make center mark on the other piece. Using dowelling jig and brad point bit, drill hole in second piece to be joined. Insert dowel pin lightly in both pieces and check for accuracy before assembly and gluing.

# A Handsome Home For a Practical Tool Set



DM-13

These Irwin pattern augur bits are encased in a handsome dovetailed, hardwood box with brass latch. Full length tempering adds strength and anti-clogging open throat design makes for a long, useful life of the bits. 13 pcs. from  $\frac{1}{4}$ " to 1" in  $\frac{1}{16}$ " steps.

DM13 - Augur Set ..... \$69.95



F151

## Hand And/Or Breast Drill- A Remarkable Tool Design

Who says, "There's nothing new under the sun?" Here's a tool that should have been invented centuries ago . . . but wasn't.

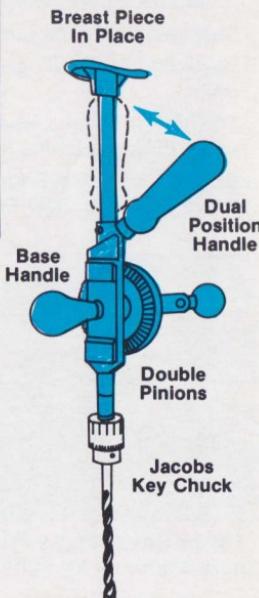
It is the only drill in the world that offers two different handle positions. **Very** handy in tight spots!

It is the only hand drill in the world that converts to a breast drill. This takes the strain off your arms because you use your body weight instead.

It is the only hand **or** breast drill in the world that has a genuine Jacobs three-jaw key chuck ( $\frac{3}{8}$ " capacity). This lets you use many drilling accessories you already own.

Double, self lubricating pinions; die-cast body; precision gears. A gem from England.

F151 - Hand Drill ..... \$29.95





## Cabinetmaking Bestsellers by James Krenov

### A Cabinetmaker's Notebook

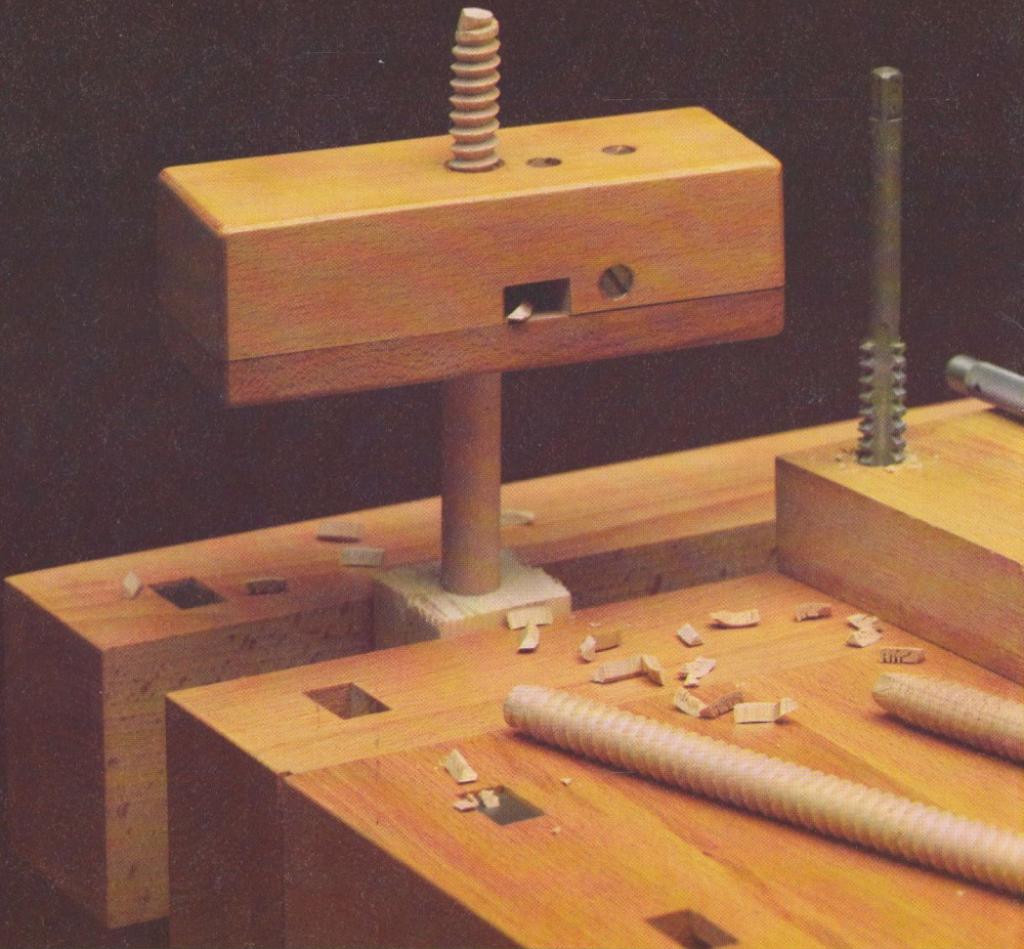
James Krenov is clearly a man who knows wood, and this unusually beautiful first book reflects the thoughts on woodworking and design of an uncompromising craftsman. His own work, illustrated with almost 200 color and black and white photographs, reveals why his craftsmanship is probably the finest in the world today. A "must" for your library. Hard cover, 132 pages.

VNR9 - Cabinetmaker's Notebook .. \$13.95

### The Fine Art of Cabinetmaking

Krenov's second book has over 300 photos and detail drawings describing his unique techniques. In his highly personal way, he writes about choosing wood, coopering, dowelling, dovetailing, and making his own plane. Even reading Krenov on a simple "sanding" is fascinating! Fine points to help you increase your own skills, abound. Hard cover, 224 pages.

VNR24 - Fine Art of Cabinetmaking .... \$15.95

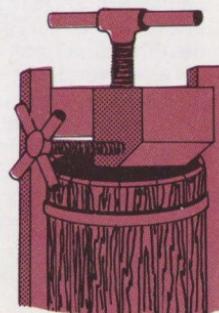


## Woodthreading Sets-The Toolmaker's Tools

These sets can save you money because they'll make other tools for you! You can make your own clamps, for example. A set of four #010, 10" Cabinetmaker's clamps (see page 15) would cost you \$63.80. With a  $\frac{3}{4}$ " woodthread set (cost: \$58.90), you can make dozens of these clamps in all sizes by using any handy hardwood pieces in your shop.

Or make your own workbench vise spindles and nuts using a 2" woodthread set (cost \$102.90) and save about \$60 over the cost of metal vise hardware. Then take the same 2" set and make a wine or cedar press for just the cost of the wood!

These sets are used extensively to make tight wood-to-wood joints that can be assembled and disassembled over and over quickly and easily. You can also produce fascinating, variable candelabra designs and then use the same thread set sizes for construction toys for the kids. (Note, tap wrenches are not included but are readily available at hardware stores.)



**SOME OF  
MANY USES  
FOR "SCREWBOXES"**

VICE SPINDLES  
WINE PRESSES  
SPINNING WHEELS  
NUT CRACKERS  
CORK SCREWS  
CLAMPS  
BROOM STICKS  
FRUIT PRESSES  
CONSTRUCTION TOYS  
DECORATIVE EFFECTS  
WOODEN NUTS  
AND BOLTS  
CIDER PRESS  
TAPESTRY FRAMES  
VENEER PRESSES

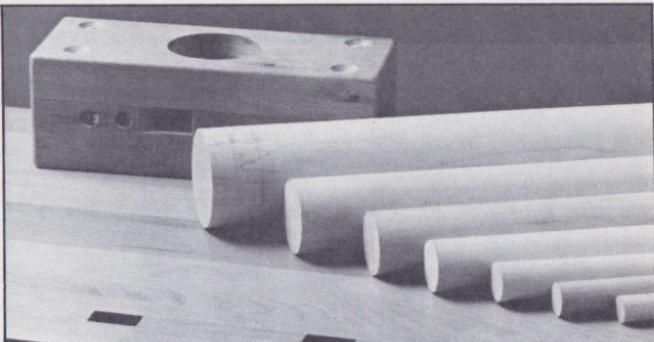


(Sets include threadbox  
and mated tap. Sizes  
listed are external diameters.)

<input type="checkbox"/> SB12 -	1/2" Set.....	\$56.90
<input type="checkbox"/> SB58 -	5/8" Set.....	57.90
<input type="checkbox"/> SB34 -	3/4" Set.....	58.90
<input type="checkbox"/> SB100 -	1" Set.....	60.90
<input type="checkbox"/> SB125 -	1 1/4" Set.....	79.90
<input type="checkbox"/> SB150 -	1 1/2" Set.....	83.90
<input type="checkbox"/> SB200 -	2" Set.....	102.90
<input type="checkbox"/> SB777 -	All Seven Sets (Save \$31.30) .....	\$470.00

**NOTE** - One of our competitors currently sells just a 2" set alone for \$404.00. You can buy all seven sizes from Leichtung for \$470! Their seven pieces would cost you \$940.65 . . . and ours is the original design used by master cabinet-makers for centuries!

# Hardwood Dowels



Large dowels are difficult to get, for some reason or other. Most lumber yards carry poor quality, small sizes only.

We've found an industrial source for dowels and are pleased to offer them in all the sizes of our Woodthreading Sets. All the dowels listed are 24" long, kiln dried and smooth sanded.

ITEM #	DIAMETER SIZE	# IN BUNDLE	PRICE/ BUNDLE
<input type="checkbox"/> MF12	1/2"	24	\$ 5.40
<input type="checkbox"/> MF58	5/8"	24	7.20
<input type="checkbox"/> MF34	3/4"	18	7.75
<input type="checkbox"/> MF100	1"	12	7.95
<input type="checkbox"/> MF125	1 1/4"	12	13.50
<input type="checkbox"/> MF150	1 1/2"	8	15.00
<input type="checkbox"/> MF200	2"	4	15.50



**SS135**

## Design And Make Your Own Trim Cutters...For Pennies!

It's hard to be creative in trim design for two main reasons:

1. Industrial cutters and router bits are very expensive and are limited in variety.
2. Commercially available molding is unimaginative in design and usually comes only in maple or pine.

Now, with this almost forgotten tool, you can make your own cutters out of broken hacksaw blades and use them on any species of wood you like! It's called a "scratch stock".

Pictured, are only six cutters (12 shapes). Yet these six alone, in different combinations, can make thousands of different designs!

Three tool steel blanks are provided. These are shaped with a hacksaw, bandsaw, drill bit or grinding disc.

The tool is easy to use: Secure one or more cutters in the slot. Set the shoulder (fence) so that the cutters meet the workpiece as desired . . . and "scratch" away. In minutes, you've got your own unique design; different from any other in the world!

To make arcs, circular or geometric designs, replace the shoulder with the trammel point (secured by the brass nut). The possibilities are endless!

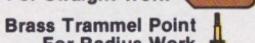
Made of Makore (African Cherry) with solid brass fittings. 12" overall length. Instructions included. A Leichtung exclusive.

**SS135 - Scratch Stock.....\$24.95**

Brass Nut Fits  
Trammel Point and Fence



90° or 45° Fence  
For Straight Work

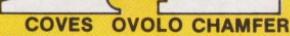


Brass Trammel Point  
For Radius Work

### SHAPES TO FORM FOR MOLDING WORK



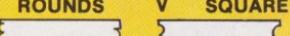
COVES



OVOLо



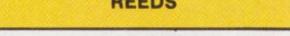
CHAMFER



ROUNDS



V



SQUARE



REEDS



**SANDVIK**

121/2" X 20MM 314 STEEL POINTS

SWEDISH QUALITY STEEL

LENGHT 300 MM

**314**

**Swedish  
Laminate/  
Veneer  
Saw**

Rocking the saw points around the curved surface lets you start your cut — even in the middle of paneling, Formica, plywood, veneer or masonite — by making a groove. Continue rocking until saw cuts through. This eliminates drilling or difficult plunge cutting with a saber-saw and the usual waste and mess. Handle angled for smooth operation without fatigue. Fine 14 pt. 12 1/2" saw.

**314 - Laminate Saw.....\$8.95**



# Measuring Those Big Jobs

We've all got 10' tape measures. They're great for the small jobs but when you're measuring a wall space or a length of timber, they fall short.

These 50' and 100' fiberglass tapes from Lietz/Eslon are the answer. Lietz has been the most respected name in measuring devices since 1882. These tapes are beautiful examples of their quality. Steel case coated with rust inhibitive PVC and a problem-free rewind mechanism are a pleasure to use.

8400 - 100' Tape ..... \$17.95  
 8450 - 50' Tape ..... \$12.95



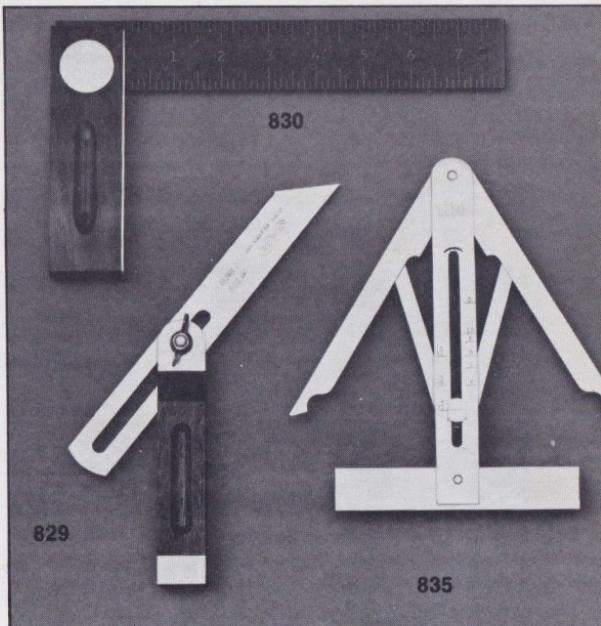
## Angle Measuring Devices

**TRY SQUARE** - A handsome 8" black oxide blade with highly visible white graduations is fitted into a rosewood finished handle. Solid brass face plate and trim.

830 - Try Square ..... \$8.50

**SLIDING T-BEVEL** - Transfers or duplicates bevels, angles and mitered ends accurately because the blade locks positively. 8" stainless blade has a rosewood finish handle with solid brass trim and wingnut. Good looking and very useful.

829 - Sliding T-Bevel ..... \$8.50



**ANGLE DIVIDER** - Does the complicated work of dividing angles for mitering and transferring in cornice, frieze or gable work. Body is graduated so that 4, 5, 6, 8 and 10 sided figures can be laid out quickly. Also marked for 30°, 45° and 60° bisected angles. 7 3/8" long with 6" arms.

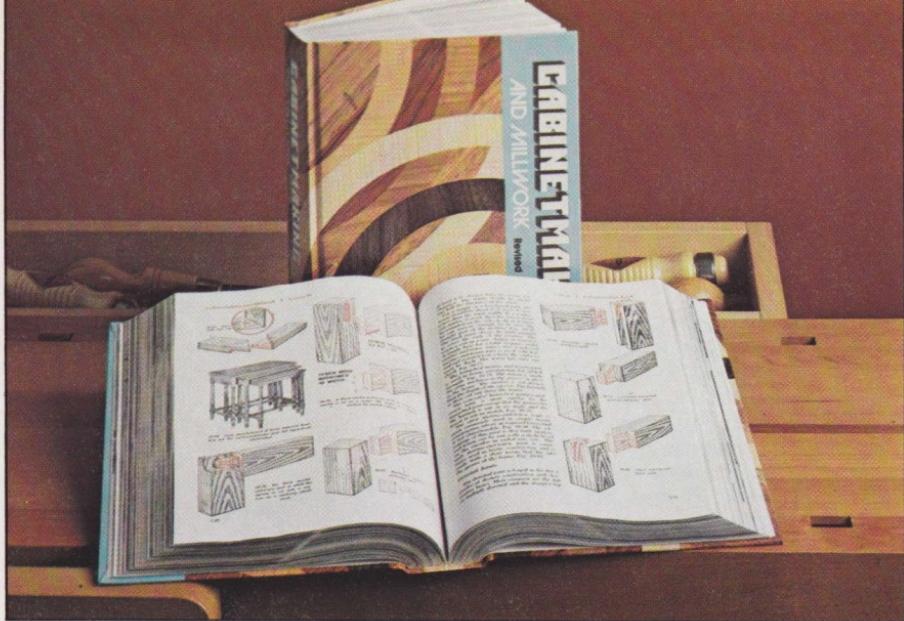
835 - Angle Divider ..... \$18.95



For Measuring Miter Angles



For Odd Angles

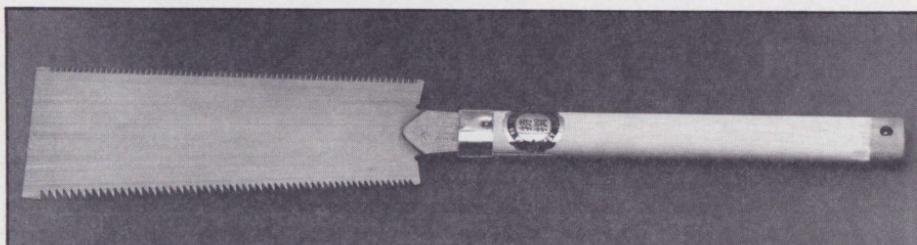


## Cabinetmaking and Millwork - Feirer

This is the Bible of the cabinetmaking arts! It's both a reference and a complete course of instruction on everything one needs to know to build furniture, cabinets, built-ins, interiors . . . finishing, how to get the most out of hand and power tools. Designs, materials, layouts, construction principles and more. 2300 illustrations, many in color, including a section on fine hardwoods. Hard cover, 992 pages.

CAB4 - Cabinetmaking and Millwork ..... \$23.95

## No Matter How You Slice It...

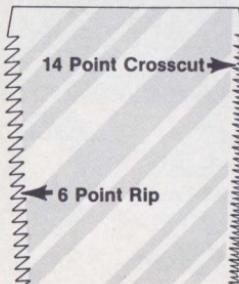


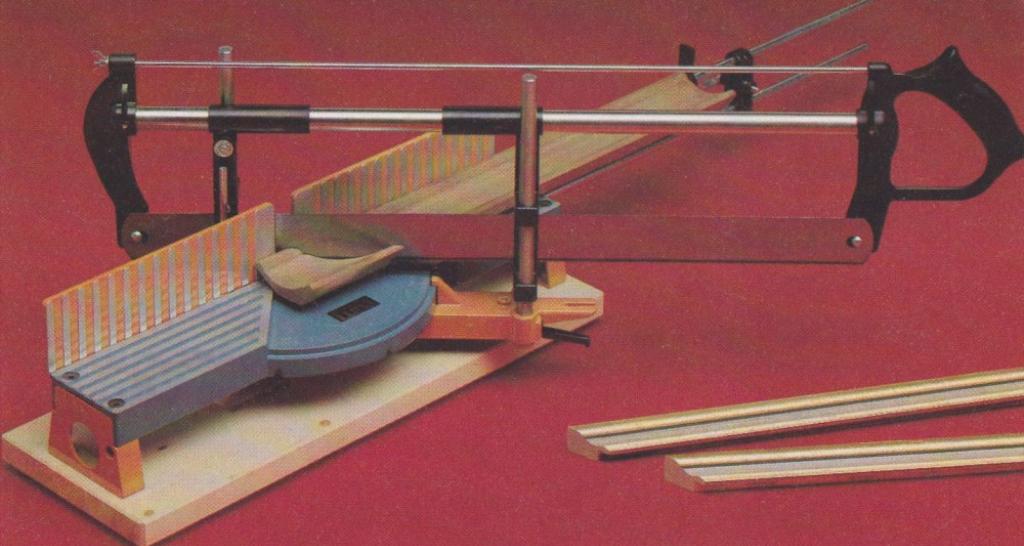
JS30

Japanese saws cut on the pull stroke instead of the push. This permits a much thinner blade and the following advantages: more accurate cut, narrower kerf, no "bowing" as you cut and reduced friction.

This particular style is rapidly gaining popularity in the U.S. because it has **two** working edges . . . a 14 pt. crosscut edge and a 6 pt. rip edge. A carpenter friend of ours let us use his and we were completely won over from traditional panel saws. Overall length 21 1/2" with 9" cutting edges.

JS30 - Japanese Saw ..... \$10.95





## The Professional Miter Assembly

This ultimate mitering tool (made in Sweden) lets you cut at **any** angle between 45° left and 45° right. Most important is the lightness and suspension of the saw which lets you miter even narrow pieces of moulding without tearing or crushing.

Furthermore, the 18 pts/inch saw blade is hardened at the cutting edge and is quite thin, resulting in a very narrow kerf — which means great accuracy and little waste.

The thinness of the blade is possible because it is mounted in a tension system, much like a hacksaw. This does away with the need for the heavy, crushing backsaw so typical of American miter assemblies.

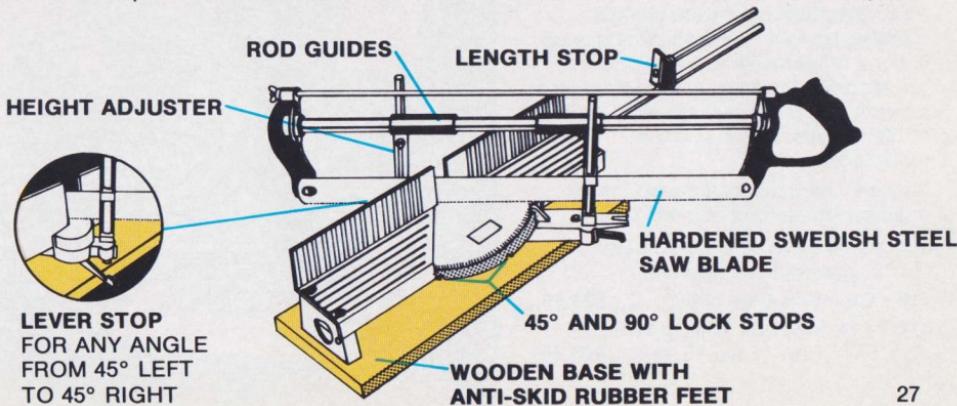
The saw cannot slip out of the assembly and mar your workpiece.

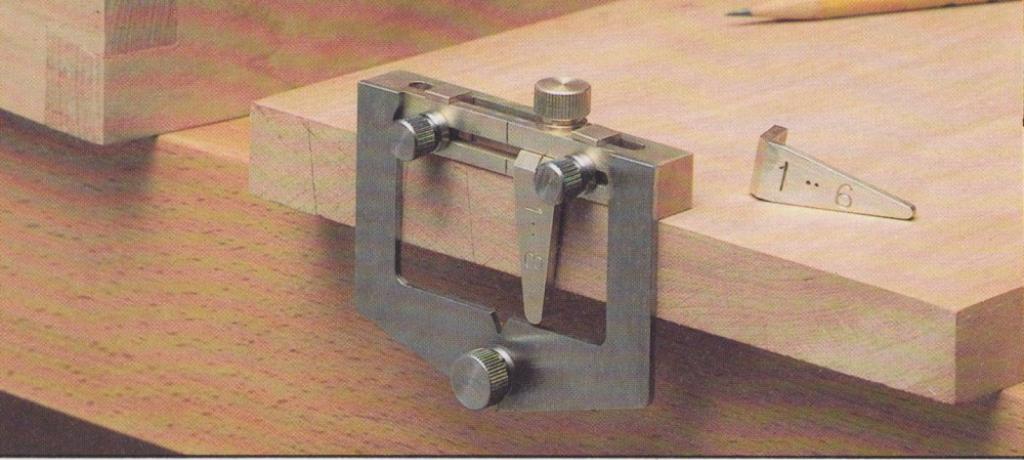
The assembly includes both depth of cut adjustments and a right or left adjustable length stop for duplicating cuts. Die-cast aluminum body; posts of stainless steel rod; baseplate of wood with anti-skid rubber feet.

Table length is 17 3/4". Width capacity is 6 3/8" at 90°; 4 1/4" at 45°. Depth of cut capacity is 4 1/8". Saw length is 22".

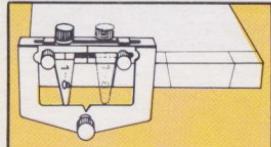
The cutting area is countersunk below the table to protect the blade, when the cut is "through." Instructions included.

- |   |          |
|---|----------|
| <input type="checkbox"/> LN264 - Swedish Miter Assembly and Saw.....            | \$159.95 |
| <input type="checkbox"/> LN626 - Spare Hardened Steel Saw Blade for LN264 ..... | \$7.95   |

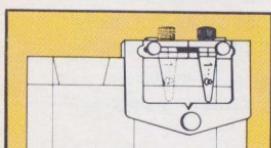




# Dovetail Marking Gauge



**SET GAUGE  
TO MARK PINS**



**TRANSFER GAUGE  
TO MARK TAILS**

Long known as the single strongest joint for joining pieces at right angles in their thickness, the dovetail was not usually meant to be seen. In the past few years however, the world's top cabinetmakers have begun to use contrasting woods to emphasize the beauty of a dovetail joint.

To make the joint handsome and tight-fitting, the slope of the dovetail and the pins must be marked very accurately. This gauge simplifies the marking out procedure so that slopes match exactly. For softwoods, the 1: 6 blade is used; for hardwoods, the 1: 8 blade. The gauge itself is a superb example of machining to precise tolerances. The frame is tool steel with a brass stock and two tapered brass blades.

Remember, no matter how well you cut a dovetail and pins, if they were not marked out properly to begin with, the results can be disastrous. To help you perfect your dovetail joints, a very complete set of instructions are included.

**DTG1 - Dovetail Marking Gauge ..... \$29.95**

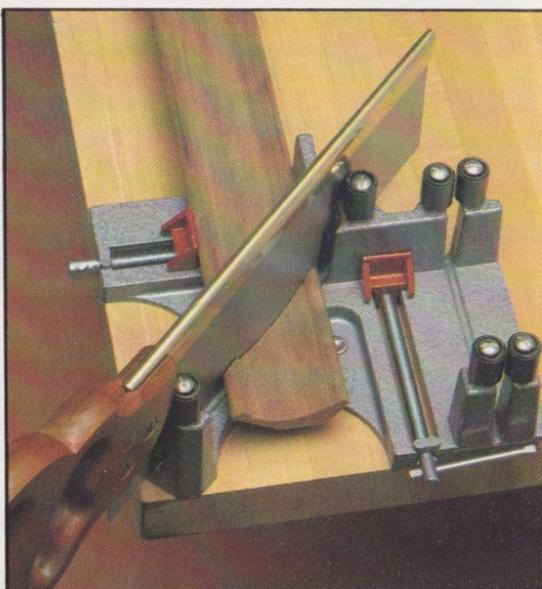
## Clamp-N-Saw Miter Tool

Accurate mitering device clamps molding up to 4" wide and 2" thick so it won't move while you saw. Roller guides adjust to keep saw vertical and prevent wobbling or binding. Cuts 45° or 90° angles. May be bench mounted.

May also be used as a clamp for gluing frame miters at a 45° angle.

Should be used with tenon saw (TT12) pictured on page 29.

- 618 - Clamp-N-Saw Only ..... \$22.50**
- 618/TT12 Combo - Clamp-N-Saw plus TT12 Saw (Save \$5.95)..... \$48.50**



W. TYZACK SONS & TURNER LTD  
SHEFFIELD ENGLAND

NO 120  
NONPAREIL

SILVER  
STEEL



TESTED FOR  
HARDNESS



# Brass Backed Saws

It has taken us almost five years to get a supply of Tyzack "Nonpareil" tenon and dovetail saws. Why so long? Because they are the very finest of their kind in the world. There is so much handwork involved that the manufacturer doesn't even want to make them. These may be the last of a great but dying breed. Grab yours!

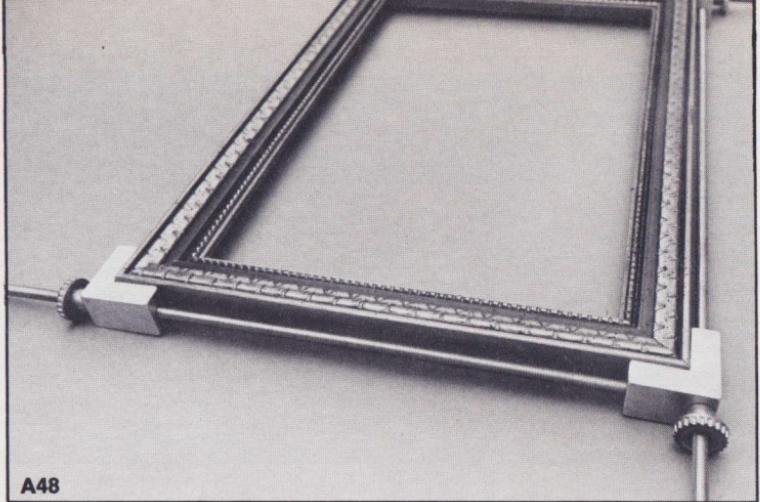


**8" DOVETAIL SAW** - The Tyzack dovetail saw is a jewel. It's handsome enough to hang on the wall of your living room - and we're not exaggerating. But use it and you'll find its true beauty. Lustrous brass back; 8" polished steel blade and an extraordinarily fine 20 points per inch which cuts to a more than ample  $2\frac{3}{8}$ " deep. If you cut dovetails by hand, this will make you a master.

TT8 - 8" Dovetail Saw ..... \$29.95

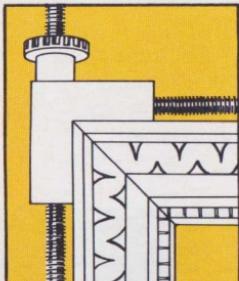
**12" TENON SAW** - The Tyzack tenon (backsaw) saw has a very thick, highly polished brass back above an incomparable Sheffield steel blade. It is 12" long, has 15 points per inch and cuts  $3\frac{3}{8}$ " deep. Beech handle is secured by three brass-plated screws. Simply: THE BEST.

TT12 - 12" Tenon Saw ..... \$31.95



A48

## Adjustable Size Picture Framing Clamps



This heavy-duty system will clamp any rectangular or square frame from 3" x 5" up to 4 ft. x 4 ft. accurately and easily. Here's all you do.

After you've cut your frame to size and glued it, place the clamp corners on the frame corners and tighten the thumb nuts. It squares itself and holds the frame at just the right tension so that the glue will set properly. Instructions included.

All parts are plated against rusting. Can be taken apart in a minute and stored in a 25" box or drawer.

A48 - 4' x 4' Framing Clamp ..... \$24.95



## Warrington Pattern Joiner's Hammers

The typical American-made hammer is an excellent carpenter's tool, used for gross work. English-made Warrington pattern hammers are the hammers used by the finest cabinetmakers for precision work. The wedge-shaped peen is flattened to get you into those extra-tight spots. Ash handles, polished heads, perfectly balanced.

- |                                 |                                  |        |
|---------------------------------|----------------------------------|--------|
| <input type="checkbox"/> NW576  | - 6 oz. Warrington Hammer .....  | \$7.50 |
| <input type="checkbox"/> NW578  | - 8 oz. Warrington Hammer .....  | \$8.00 |
| <input type="checkbox"/> NW5710 | - 10 oz. Warrington Hammer ..... | \$8.50 |



H37

# Picture Framing Jig

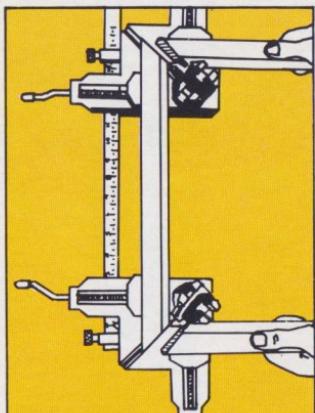
Easily; the most exciting new tool we've seen! Does it all for you in precise, logical steps.

- Step 1:** Set the jig on the aluminum rule to the desired length of the first two sides of your frame (up to 30").
- Step 2:** Secure the clamps on your frame moulding (takes up to 3 1/4").
- Step 3:** Snap in saw guide and cut left miter.
- Step 4:** Snap in saw guide and cut right miter.
- Step 5:** Repeat steps 2 - 4 for opposite side of frame.
- Step 6:** Repeat steps 1 - 5 for second two sides of frame.

Now that all four sides of the frame are cut, use each jig side as a gluing clamp to assure perfect 90° joints.

Clamps are cast aluminum with thick foam base to stop skidding. Jig can be used on any table top. Includes saw, saw guide, rule, and the two jig sides as shown, plus instructions.

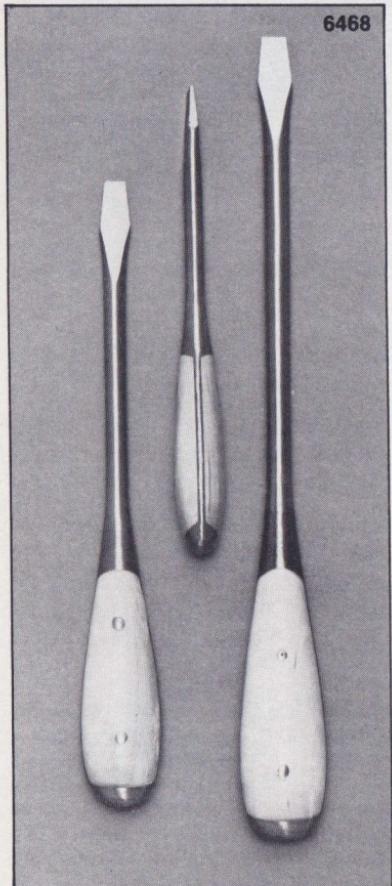
H37 - Picture Framing Jig ..... \$49.95



After sawing use the four clamps to assemble the frame.



F525



6468

## Cabinetmaker's Screwdrivers

**CABINETMAKER'S SCREWDRIVER SET** - These handsome tools are designed specifically for wood screws - to stay in standard woodscrew slots without slipping out and marring your work. Turned oval handles of lacquered beech are a pleasure to grip. Flattened area below ferrule can take a wrench for extra torque. Lengths (ferrule to tip) 2, 3, 4, 5 and 6".

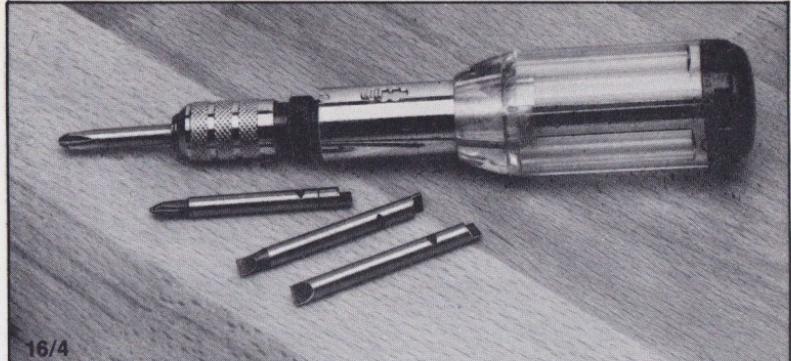
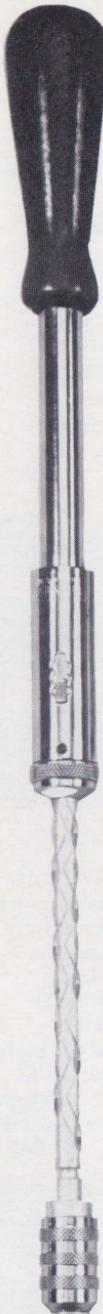
F525 - Screwdriver Set of 5..... \$18.95

**CENTURY SCREWDRIVERS** - Virtually indestructible workhorses! Screwdrivers sure, but also paint can openers, jimmies . . . you name it. Tempered blade is one steel mass from tip to butt. Oval hardwood grips riveted to tang. Grandad's still using his, so buy your own! Three piece set: 4" blade (overall 8 $\frac{1}{8}$ "), 6" blade (overall 11 $\frac{1}{8}$ "), 8" blade (overall 14 $\frac{1}{2}$ ").

6468 - Set of Century Screwdrivers ..... \$14.50



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Ohio Residents Call: (216) 831-6191



#### RATCHET SCREWDRIVER WITH FOUR BITS

A handy, inexpensive ratchet screwdriver for those frequent small jobs around the house. Right turn, left turn, and rigid positions are set by a push of the slide. Bits: 2 heavy duty slots and #s 1 and 2 Phillips. 7 3/4" overall. Extra bits stored in handle. Very well made.

16/4 - Ratchet Screwdriver.....\$9.95



**QUICK RETURN SCREWDRIVER WITH SIX BITS** - American screwdrivers of this type usually come with just two bits. We think our German tool is superior and it includes 6 bits. It also happens to be more than 10 bucks cheaper! Right and left drive as well as rigid position are set by a slide button. Bits: 3 heavy duty slots; and #s 1, 2 and 3 Phillips. Cadmium plated spindles, bronze wear-resistant ratchet bushings. Wood handles.

**48/6C - 19"** (extended) Quick Return Screwdriver ..... \$22.95



**THREE PIECE RATCHET SCREWDRIVER SET** - This ratchet set might aptly be called "MR. BASIC" because it will handle just about every household job and yet is of **very** high quality.

The slot screwdriver has a 1/4" tip that fits all but the largest slotted screws. The two Phillips drivers (#s 1 and 2) fit 90% of all Phillips screws. Each is 9" overall. Fingertip control for right drive, left drive or rigid positions. Hardwood handles. Made by the same German screwdriver specialists who make our quick return screwdriver above.

843 - Ratchet Screwdriver Set ..... \$16.95



BR642

BR844

# Chisels by

## HEAVY DUTY CHISELS

Whether you choose the bevel edge chisels (BR642) or the unbevelled edge (Firmer Chisels - BR844), these Bracht's are capable of anything from the finest paring to roughing out with a mallet or hammer. The Tungsten Vanadium steel blades hold an edge better than any other known alloy. Heat-treated to perfection.

BR642



### 6 PIECE CABINETMAKER'S BENCH CHISEL SET

**CHISEL SET** - Tungsten-Vanadium steel (Rockwell C61-63) blades are super tough. The incredibly comfortable Bracht ribbed-ash handles are reinforced with nickel-plated double "schlagrings" (German for "slam-rings") to withstand all the pounding you can give. From 10½ - 12" long (depending on blade size). Set contains ¼, ⅜, ½, ¾, 1 and 1¼" width chisels.

**BR642** - 6 Piece Chisel Set ..... \$49.95

**8 PIECE FIRMER CHISEL SET** - Popular theory holds that "Firmer Chisels" are used for heavier work while bevel edge chisels are for finer work. We don't agree. The cutting edges are the same and that's where the work is done. We offer both because we recognize individual preferences. These chisels are of the same steel, handle construction and comfort as are the BR642's. From 10½ - 12" in length; in widths of ¼, ⅜, ½, ¾, 1, 1¼ and 1½".

**BR844** - Firmer Chisel Set of 8 ..... \$69.95

BR844



# BRACHT



## EXTRA HEAVY DUTY CHISELS

These are professional tools made to be used daily for hours at a time. The blades are exactly twice as thick as the heavy duty chisels. Handles are proportionately larger. A leather disc between the bolster and the ferrule absorbs hand-shock in heavy pounding. Vanadium steel for super-sharp, long lasting edges. Exactly heat-treated.



BR664

BR662



BR662

### SET OF 6 EXTRA HEAVY DUTY BEVEL EDGE CHISELS

**BR662 - Extra Heavy Duty Bevelled Chisel Set .....** \$79.95

**SET OF 6 EXTRA HEAVY DUTY FIRMER CHISELS** - The same tough steel and handles as in the BR662 set to the left. Sizes range from 12-14" long, in widths of  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1 and  $1\frac{1}{4}$ ". Complete with double "schlagrings" (slam-rings) and leather shock absorbers.

**SET OF 6 EXTRA HEAVY DUTY FIRMER CHISELS** - The same tough steel and handles as in the BR662 set to the left. Sizes range from 12-14" long, in widths of  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1 and  $1\frac{1}{4}$ ". Complete with double "schlagrings" (slam-rings) and leather shock absorbers. A fine value for a truly superb set.

**BR664 - Extra Heavy Duty Firm Chisel Set.....** \$69.95



BR664

# BRACHT Specialty Sets

BR490



**SET OF FOUR EXTRA HEAVY DUTY MORTISE CHISELS** - Over  $\frac{1}{2}$ " thick with a leather shock absorber between the bolster and ferrule, these double-hooped chisels are strictly for the most difficult mortising, where you must pound the chisel into the stock for depth and then pry out chunks of wood. Lengths vary from  $1\frac{1}{4}$  -  $1\frac{1}{4}$ ", in widths of  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$  and  $\frac{1}{2}$ ". Vanadium steel alloy (Rockwell C61-63).

BR490 - Set of 4 Mortise Chisels ..... \$49.95

BR1478



**SET OF FOUR IN-CANNEL FIRMER GOUGES** - The same handle construction and steel as the BR578 on Page 37, except that the bevel is on the **inside** of the arc rather than on the outside. Designed for very fine paring controlled by the palm of your hand, rather than the shoulder of the bevel, as with firmer gouges. Especially useful for contoured shapes and channels. Overall length of 1" gouge is  $1\frac{5}{8}$ ".

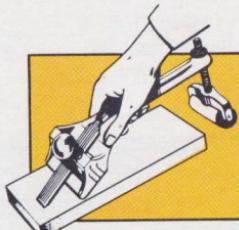
Set contains:  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$  and 1" widths. #8 sweep.

BR1478 - In-Cannel Gouge Set ..... \$42.95



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**BLADE HONER** - A fool proof honing system for chisels and plane irons. To get the exact bevel, simply adjust roller screw so that the bevel lies flat on your stone. (Use with Leichtung 6" Arkansas systems on page 38.) A few strokes up and back does it. Blade capacity up to  $2\frac{5}{8}$ " wide.

810 - Blade Honer ..... \$11.95

# Sculpture Tools by BRACHT

BR578



**SET OF 5 SCULPTOR'S FIRMER GOUGES** - Very strong, heavy-duty gouges of Vanadium steel (Rockwell C61-63). Ribbed, ash handle is shaped for comfort. Nickel plated, double hoops assure long handle life under hard mallet (even hammer) pounding. (The German word for these hoops is "Schlagring" which literally means "slam ring"). Overall length of 1" gouge is 11 $\frac{1}{8}$ ". Set contains: 1/4", 1/2", 3/4", 1 and 1 $\frac{1}{4}$ " widths.

BR578 - Sculptor's Firmer Gouge Set ..... \$49.95

## OUR CUSTOMERS SAY:

*"A couple of months ago I bought a set of Bracht Extra Heavy Duty Firmer Chisels and wrote you to compliment them. Well, I'm doing it again. It's hard to express the pleasure and confidence I feel everytime I reach for one. The chisels I have from G.W. and W.S. don't compare. In fact, everyone in our shop would rather use them. (They're flat and have a most durable edge.) Thank you for supplying such good tools."*

J. Wehmeyer — Mohnton, Pa.



BR580

BR578

**SET OF 5 HEAVY BENT GOUGES** - Superb Vanadium steel (Rockwell C61-63) long bent gouges for clearing out difficult recessed areas. The incomparable Bracht, double-hooped handles are included, of course. Overall length of 1" gouge is 11 $\frac{1}{8}$ ". Set contains: 1/4", 1/2", 3/4", 1" and 1 $\frac{1}{4}$ " widths.

BR580 - Heavy, Bent Gouge Set ..... \$58.95

BR580



# Arkansas Stones - A "Cut" Above the Rest

The better your cutting tools, the more they deserve to be honed on Arkansas stones. That's because only genuine Arkansas will produce the ultimate edge which top quality tool steel can take. So, your Arkansas stones really complete your investment in your finest tools.

## There are three grades of Arkansas stones:

**SOFT ARKANSAS** - The best general purpose stone. Fast cutting; produces a very sharp edge.

**WHITE HARD ARKANSAS** - A superior stone for finishing an already sharp edge. Sharpening with our white hard Arkansas takes a bit longer but the gleaming, polished edge is well worth it.

**BLACK HARD ARKANSAS** - The ultimate in finishing whetstones, the "black hard" removes even microscopic burs to give you surgically sharp edges.

## LEICHTUNG'S 6" STONE SYSTEM

Each stone approximately 6 x 2 x 1/2", in its own cedar box

<input type="checkbox"/> <b>STC6</b> - Soft Arkansas .....	\$11.95
<input type="checkbox"/> <b>HTC6</b> - White Hard Arkansas .....	\$19.95
<input type="checkbox"/> <b>BTC6</b> - Black Hard Arkansas.....	\$22.95

## SAVE BY ORDERING THE WHOLE SYSTEM

<input type="checkbox"/> <b>Combo A</b> - STC6, HTC6, BTC6 (save \$5.90).....	\$48.95
<input type="checkbox"/> <b>HON1</b> - 4 Ounce Can Honing Oil .....	\$1.50

**SH2 - SET OF 2 ROUND EDGE SLIPS** - One each 4 x 2 x 3/8 x 1/8". Soft and White Hard Arkansas. For deburring gouges or as hand-held stones for sharpening large tools, e.g. axes, drawknives, etc. where the stone is drawn across the tool to sharpen.

<input type="checkbox"/> <b>SH2</b> - 2 Round Edge Slips .....	\$15.95
--	---------

**FH4 - FOUR PIECE WHITE HARD ARKANSAS FILE SET** - ● ▲ ■ ▶  
A must for carving tools - from gouges to V-tools and veiners. Also ideal for lathe tools, gunsmith and die maker tools. Each piece approx. 4" long, shapes as shown.

<input type="checkbox"/> <b>FH4</b> - 4 Piece Arkansas File Set.....	\$16.95
--	---------

**WP1 - SOFT ARKANSAS PADDLE** - For quick touch-ups in shop or kitchen. 7" x 1 1/2" stone is bonded to a 14" cedar paddle. Rawhide hang-up thong. Gift-boxed.

<input type="checkbox"/> <b>WP1</b> - Arkansas Paddle .....	\$6.95
---	--------

## LEICHTUNG'S GOUGE STONE SYSTEM

Among the most important honing "stones" for carvers and lathemen is the gouge stone. It's tapered concave and convex surfaces first hone the bevel and then remove the wire edge.

Because of the shape, these "stones" can only be man-made. We offer them to you in three grits: Very fine, fine and medium. We feel all three are necessary to bring a gouge to perfect sharpness, step-by-step. Each is 6 x 2 x 3/16".

<input type="checkbox"/> <b>15C</b> - Gouge Stone (Very fine grit gouge stone) .....	\$8.95
<input type="checkbox"/> <b>15D</b> - Gouge Stone (Fine grit gouge stone) .....	\$8.95
<input type="checkbox"/> <b>15E</b> - Gouge Stone (Medium grit gouge stone) .....	\$8.95
<input type="checkbox"/> <b>15CDE</b> - All 3 Gouge Stones (Save \$1.90).....	\$24.95



HON1



HTC6

BTC6

15D

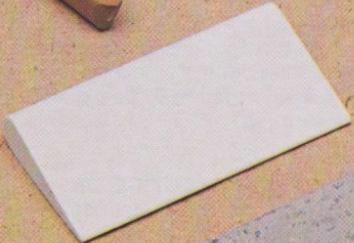


15E

STC6



FH4



SH2



## Wood-Turning Tools

These three shapes are not usually available in the U.S. - yet they are specially designed for concave surfacing - a very basic lathe operation.

They are called "inside" turning tools and each has its function. Use the 6169 for inside turning of sharper angles and the 6170 and/or 6178 for inside turning of more gradually rounded concave surfaces such as bowls and vases. Indispensable, if you do any lathe work. Swedish steel, Rockwell C62; 16" overall length, 7" blades.

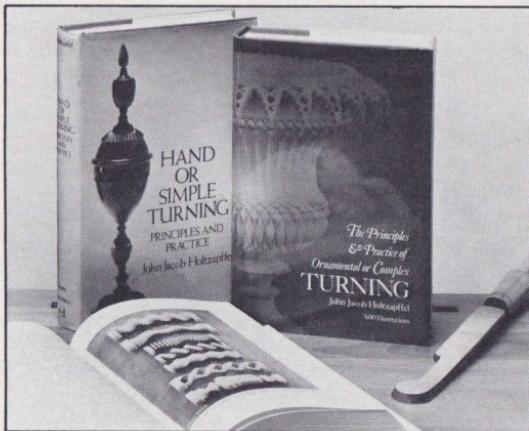
- |   |                |
|---|----------------|
| <input type="checkbox"/> 6169 - Straight Inside Turning Tool....                  | <b>\$19.95</b> |
| <input type="checkbox"/> 6170 - Larger Round Inside Turning Tool .....            | <b>\$19.95</b> |
| <input type="checkbox"/> 6178 - Smaller Round Inside Turning Tool .....           | <b>\$19.95</b> |
| <input type="checkbox"/> 6908 - All Three Inside Turning Tools (Save \$4.85)..... | <b>\$55.00</b> |

## One Good "Turn" Deserves Another

These two volumes were 41 years in the writing by the last of the Holtzapffel family, John Jacob. This incredible English family made the finest lathes in the world from 1780-1914. The books may truly be called the BIBLES of turning.

**THE PRINCIPLES AND PRACTICE OF HAND OR SIMPLE TURNING** - Teaches you to use your lathe with care and precision. Among the dozens of projects covered are the making of billiard balls, chandeliers, vases, inkstands and even the cutting of screws! 771 figures and 22 plates make it very easy to follow. For the beginner and the professional. Hard Cover, 592 pages.

- DV-1 - Simple Turning - Holtzapffel ...\$16.00



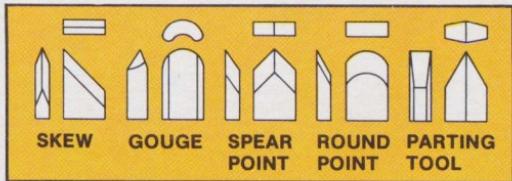
**THE PRINCIPLES AND PRACTICE OF ORNAMENTAL OR COMPLEX TURNING** - This is for you, if you are already an accomplished latheman. It is the most complete source-book in the field. As you read through this superb product of a lifetime of practical work, you will be amazed at what this man (and you) could accomplish with a lathe. 600 illustrations, hard cover, 656 pages.

- DV-2 - Ornamental Turning - Holtzapffel .....\$16.00



808

## "BUCKS"



**BUCK BROTHERS - 8 Piece Turning Tool Set** - We've used the English and German lathe tools but we think the American "Bucks" are tops. The set includes one each  $\frac{1}{2}$ " and 1" skew chisels; one each  $\frac{3}{8}$ ",  $\frac{5}{8}$ " and 1" gouges; one  $\frac{1}{2}$ " spear point; one  $\frac{1}{2}$ " round point and one  $\frac{1}{2}$ " parting tool. 10 $\frac{1}{2}$ " ash handles. Overall length: a comfortable 16 $\frac{1}{2}$ ". Special "turning" steel.

808 - Turning Tool Set .....\$59.95



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6259

## Bench Duster

Pure black horsehair. Hardwood block is 14 $\frac{1}{4}$ " long; bristles are almost 3" long. Beavertail handle is finished in natural lacquer with string hole.

6259 - Bench Duster .....\$6.95

### OUR CUSTOMERS SAY:

*I now know why it is that I like your company so much. It is simply a matter of good old fashioned courtesy and service. Whenever I have the choice — your company will always get my business!*

J. Kanig, Westbury, New York

# Carving Tool Sets

A panel of experts was asked to select the 12 most often used shapes and sizes from the hundreds available. After 6 hours of heated debate and two near fist fights, they "agreed" on the set which we call our 1200STH.

We let their tempers cool down for a couple of weeks and assembled our panel once more. This time we asked them to select a second 12 pieces which would be our "expansion" set, 1200ADH. This took another six hours before "agreement" was reached. Two of the men haven't spoken to each other since! All of which is to say that top-flight carvers are pretty serious about their tools!

These sets represent quite a savings over individual tools. We highly recommend them to beginners and professionals alike.

1200STH



**STANDARD 12 PIECE PROFESSIONAL SET:** contains one each of the following:

#1-1/4"; #2-3/8"; #3-3/4"; #5-1/4", 1/2" and 1 1/4"; #9-1/4" and 5/8"; #11-1/4"; #22LB-1/8";  
#26LB-1/2"; #41-3/8". Specially priced as follows:

**1200STH - Professional Set (Honed).....\$109.95**

## SHAPE NUMBERS AND STYLES OF CARVING TOOLS

1	2	3	5	8	9	11	22	24	26	30	30	41	44	45	50	52	56	58
LB	SB	LB	SB	LB	SB	LB	LB	SB	LB	LB	LB	SB						

**1200ADH**

**EXPANSION 12 PIECE PROFESSIONAL SET:** contains one each of the following:

#8- $\frac{1}{8}$ " and  $\frac{1}{2}$ "; #9- $\frac{1}{4}$ "; #24SB- $\frac{3}{8}$ "; #30SB- $\frac{5}{8}$ "; #30LB- $\frac{1}{2}$ "; #44SB- $\frac{3}{8}$ "; #45- $\frac{1}{8}$ ";  
#50- $\frac{5}{8}$ "; #52- $\frac{1}{2}$ "; #56- $\frac{1}{2}$ "; #58- $\frac{1}{4}$ ". Specially priced as follows:

**1200ADH** - Expansion Set (Honed) ..... \$114.95

## Buy Both Sets and Save Even More!

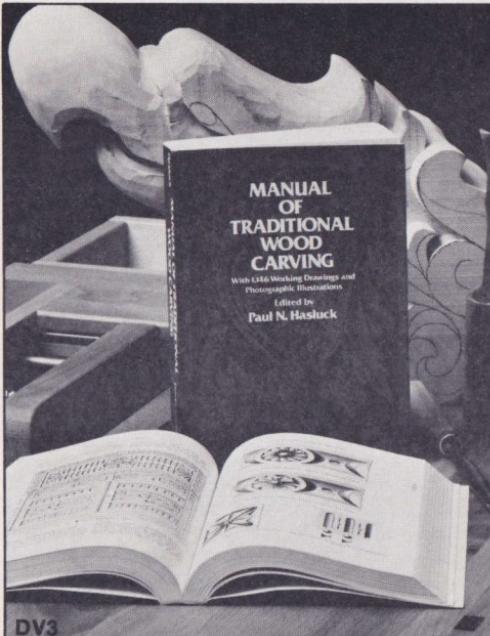
We can offer an even better price, if you want to order both the **Standard** and the **Expansion sets** at the same time.

**2400SAH** - 24 Piece Set (Honed) save \$5.90 ..... \$219.00

## Manual of Traditional Wood Carving - Hasluck

There are dozens of books on Woodcarving. We picked the one that says it all. This is **THE** definitive book on the art. Written in 1912 by a master, it thoroughly covers every conceivable facet of woodcarving from the properties of carving woods, to tool care, to design . . . as a matter of fact it can be used as a project book by novices and masters alike. Extremely easy to follow because it includes 1146 working drawings and photos within its 568 pages. This is not just another "how-to" book, this is the first through last word on carving.

**DV-3** - Wood Carving-Hasluck ..... \$7.95



DV3



# For the Carver

**CARVING TOOL ROLLS** - Give your tools a safe, dry home and keep your edges sharp. Heavy duty Naugahyde backed with cotton. Rolls belted by two web straps/saw tooth buckles.

<input type="checkbox"/> CTR12 - 12 Tool Roll .....	\$6.50
<input type="checkbox"/> CTR18 - 18 Tool Roll .....	\$7.50
<input type="checkbox"/> CTR24 - 24 Tool Roll .....	\$8.50
<input type="checkbox"/> CTR36 - 36 Tool Roll .....	\$9.50

**MALLETS** - No loose or flying heads because these mallets are turned from single pieces of lignum vitae - one of the hardest woods known. They are waxed to inhibit checking.

<input type="checkbox"/> LV14 - Approximately 1 lb., Head 2 1/4"	\$7.50
<input type="checkbox"/> LV15 - Approximately 1 1/2 lbs., Head 3 1/4"	\$8.50

**HORSEHIDE STROP** - For the razor sharp edge. 2" wide x 22" long; with swivel. Remember?

<input type="checkbox"/> 206 - Strop .....	\$12.95
<input type="checkbox"/> SD1 - 2 oz. Jar Of Strop Dressing .....	\$2.50



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HBR8

**8 PIECE CHIP CARVING SET** - These varied 8 pieces will make just about any kind of cut a whittler or chip carver could want. Hardwood handles are a comfortably long 5"-6½". Blades of easy-to-sharpen special knife alloy will take and hold an edge. Another fine Bracht tool.

**HBR8** - Chip Carving Set ..... \$27.95

**RUGGED CARVING KNIFE -**

Hacksaw steel blade can be ground to any shape you like - it extends all the way through the body. Brushed aluminum body, walnut grips. Set screw secures blade.

**43HM** - Rugged Carving Knife... \$7.50  
 **43HMB** - Spare Blade ..... \$2.00

## The Razor Edges

**WHITTLER'S KNIFE** - Simply the all-time favorite! 5½" long  
 **WH5** - Whittler's Knife.... \$2.50

43HM

WH5

HA10

**BRASS AND ROSEWOOD CARVING**

**KNIFE** — Truly an extraordinary tool . . . beautiful, comfortable and very well made. Hacksaw steel blade extends all the way to the end of the solid brass handles. Genuine rosewood grips. 6" long.

**HA10** - Brass Carver's Knife..... \$18.95  
 **HA10B** - Spare Blade..... \$2.50

# Palm Pushed Carving Tool Set

Where a knife can't make the exact cut you want and large, mallet-driven tools are sometimes awkward, these shorter tools easily make that controlled perfect cut. The "mushroom" handles of solid oak are the most comfortable we've ever seen and the shapes are ideally suited for just about any cut you'd ever want to make.

Overall length, approx. 5 1/2". The set contains a 1/2" straight chisel; a 5/16" skew chisel; a 7/16" straight gouge; a 5/16" bent gouge and a 1/4" V-parting tool. Extremely sturdy shanks of chrome-vanadium steel. Handles flattened slightly on the back for firmer grip and to prevent the tool from rolling off your bench and ruining a perfect edge.

**FM-500 - 5 Piece Palm Carving Tool Set..... \$19.95**



**FM-500**

## Our New Super-Sculptor's Adz



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Tools By Phone:  
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Ohio Residents Call  
(216) 831-6191

This is the finest adz we've ever seen . . . and that's a plain fact! The second we saw it, we knew that we just had to have it in our catalog. After we tested it, there was no question about it.

This adz has a #8 sweep gouge bit, 2 3/4" wide, and a curved bit almost 3" wide. The head is 9 1/4" wide and the handle is 13 1/2" long. A well-balanced 2 1/4 lbs. of beautifully finished, razor edged strength.

**137 - Super Adz..... \$28.95**

### OUR CUSTOMERS SAY:

*Recently I ordered a workbench and tools. I was most impressed with your efficiency and professional handling of the order. It was really a pleasure doing business with you.*

*I know that what I received is quality and, who knows, someday my sons may remember me while using Leichtung products!*

*J. C. Burdette, Jr., Glen Arm, Maryland*

# New Japanese Planer/ Shaper/Carver

When we first saw this tool (new to us but an old standby in the Orient), we were amazed by its simplicity of design and its functional versatility.

It is made of 10 two-sided (one side fine cut and one rough cut) hacksaw blades. These blades are intricately woven into diamond shapes which very effectively and very quickly remove wood. Unlike ordinary rasps, this tool doesn't clog.

We tested it as a planer to remove large amounts of wood quickly (using the rough cut) and it outperformed a surform plane. We flipped the cutting edge to the fine side and quickly smoothed the rough cuts.

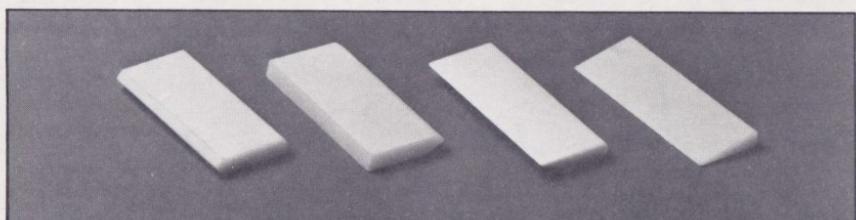
We took a log and in 30 minutes carved a rough figure.

We took a board and in 20 minutes had made an S curve.



It is a time-saver and great fun to play with. In a couple of hours, you begin to appreciate that it can also do fine work. Cutting surface  $10\frac{1}{4} \times 1\frac{1}{4}$ ". Overall length is  $15\frac{1}{2}$ ". Straight handle and knob handle for two hand control. Blade reverses (rough to smooth) in seconds; just loosen the knurled nut on top.

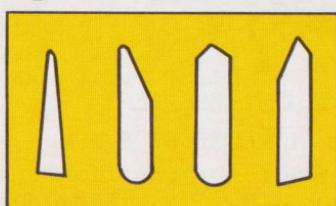
- JR10 - Japanese Saw Rasp.....\$12.95
- JR11 - Saw-Rasp Spare Blade....\$6.95

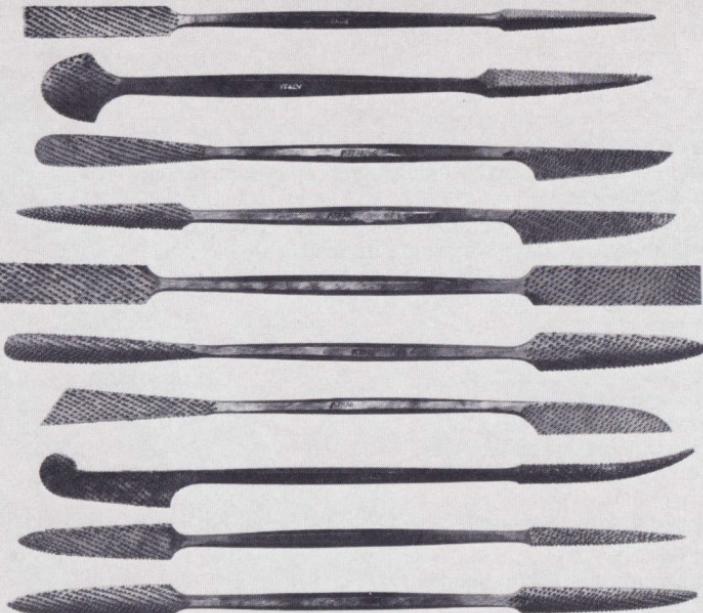


## Special Hard Arkansas Slips For Carvers

These 4 shapes are designed to hone and polish the most difficult tools in a carver's chest: V-parting tools, veiners and small gouges. Proper use of these 4 Arkansas stones can make an enormous difference in the quality of your work because the tools they hone are the tools that make the fine carving details. Each stone is approximately  $2\frac{1}{4} \times \frac{7}{8} \times \frac{3}{16}$ ".

- A1234 - 4 Pc. Slip Set.....\$17.50



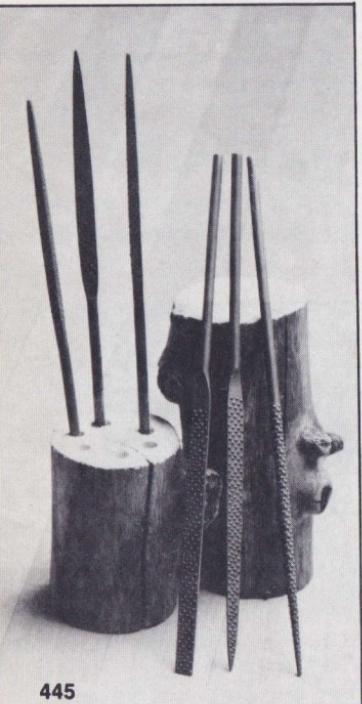


RA10

## 10 Piece Hand Cut Riffler Set

Each piece has a different shape on each end so that there are 20 different shapes to help a carver get into just about any conceivable nook or cranny. These are very sharp rasps, designed to cut quickly. 7 - 7 1/2" long, for proper hand control in delicate work.

RA10 - 10 Pc. Riffler Set ..... \$59.95



445

## 6 Piece Needle Rasp Set

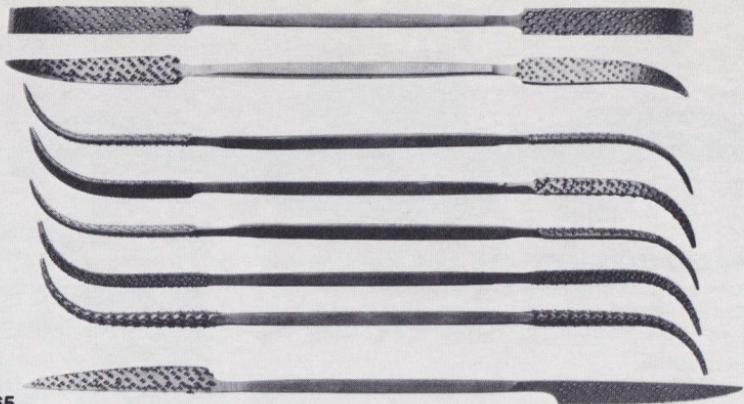
These needle rasps are more fine-cut than most rasps. I would say that this is a very basic set — a necessity for any carver — while the other sets on these two pages are for the more serious carvers, doing more intricate work. 6 1/2" long, machine cut.

445 - 6 Pc. Needle Rasp Set ..... \$9.95

### OUR CUSTOMERS SAY:

*I was really astonished at the promptness of your company. Enclosed you will find another order, and if your service and merchandise is anything like my first order, you can bet you'll get my business again in the future."*

S. Ford — Withee, Wisconsin

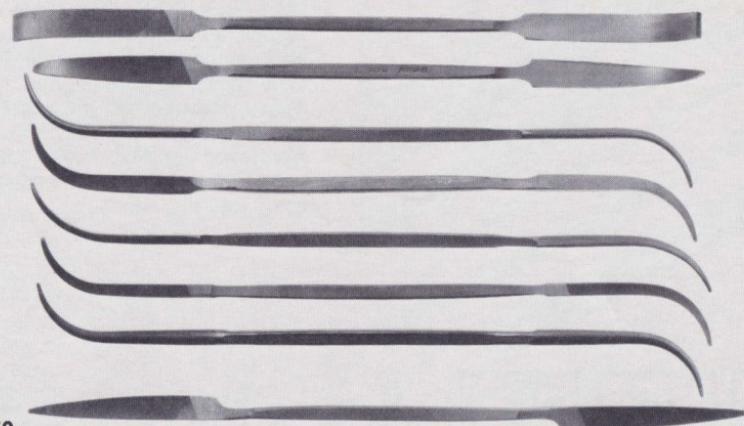


465

## Riffler Rasp Set For Rough Shaping

These 8 different shapes are fast cutting rasps. The shapes exactly match the fine-cut riffler file set (#450) below. So you rough out your design with these and finish with the files below, keeping the same contours as you go. You'll find that having both is a great advantage. 7½" long.

465 - 8 Pc. Riffler Rasp Set ..... \$32.50



450

## Riffler File Set For Final Smoothing

I've got a set of 8 of these I've used for years. These are the tools I always turn to for final touches. I can't remember a piece I've done where one or more of these hasn't filled the bill for a difficult area.

All of the riffler sets on these two pages are extremely hard to get. Our last shipment took 18 months — the next shipment will probably arrive in the early '80s. We've got them now, so don't miss out on these fine Italian tools. 7½" long.

450 - 8 Pc. Riffler File Set ..... \$32.50

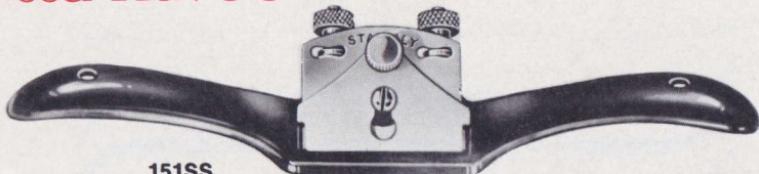
**SPECIAL OFFER:** Buy Both Rasp (#465) and Matching File Set (#450) Together and Save \$6.50.

4645 - 16 Pc. Rasp/File Set ..... \$58.50



You Can Order Tools By Phone:  
**CALL TOLL FREE 800-321-6840**  
Ohio Residents Call: (216) 831-6191

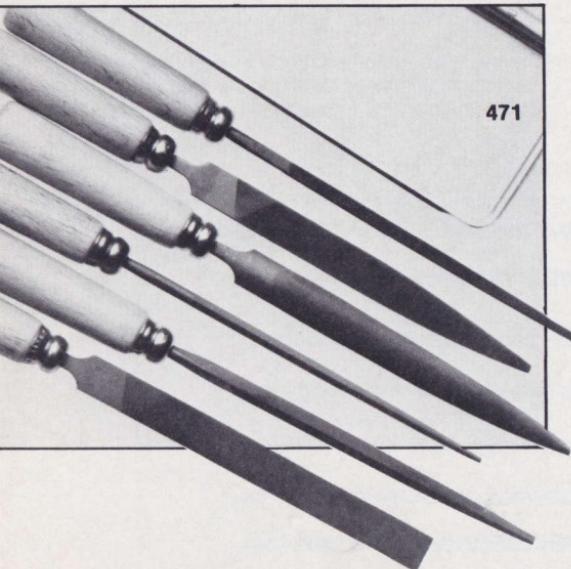
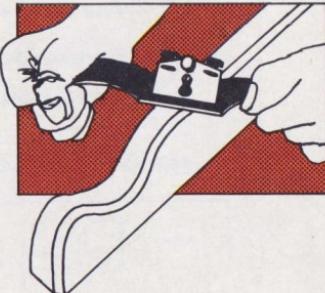
# "Gotta Haves"



151SS

**ADJUSTABLE SPOKESHAVE** - The usual spokeshave is very difficult to adjust and keep in adjustment. The Stanley has two lateral and one vertical adjustments for the cutter. 10" overall length. Flat cutter is  $2\frac{1}{8}$ " wide. The best tool of its kind.

- 151SS - Adjustable Spokeshave ..... \$12.50
- C151 - Extra Blade For 151SS ..... \$2.50



## Set Of Six Key Files

Made specifically to get into narrow places, so are excellent for carvers and machinists.  $6\frac{1}{8}$ " overall lengths. One each triangular, round, quarter-round, squared flat, pointed flat and thin square. All with ferruled, hardwood handles. Italian made. Fine cut. Rectangular metal storage box.

- 471 - Key File Set ..... \$9.95



## Screw Extractor Set

How do you remove a screw with a torn slot or Phillips head? Your screwdriver slips out and you're frustrated. Don't fret, use a screw extractor!

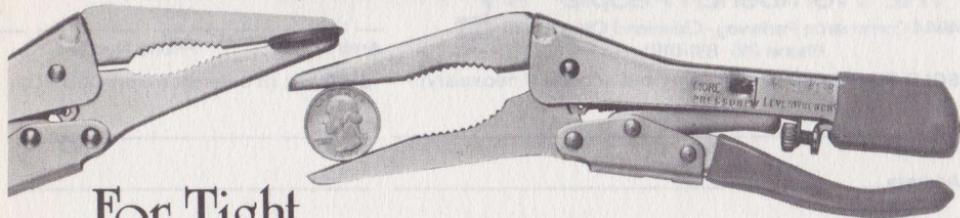
It's easy: Drill a hole about half the diameter of the screw right into the center of the head. (Each of the 5 drill bits in the set mates with one of the 5 extractors) then insert the extractor and turn it counterclockwise until finger-tight. Apply a wrench to the square head and unscrew. That's all there is to it! Bit sizes of  $\frac{1}{8}$  -  $\frac{5}{16}$ " HSS, with matching extractors.

- SX5 - Screw Extractors ..... \$11.95





# The Latest In Wrenches



## For Tight Spaces

Ours is a design marvel . . . it **sizes itself** to the work — then locks tight. And it requires only **one hand** to operate. It's ideal for those jobs that are hard to reach with one hand, let alone two.

Finger adjustment fine tunes the pressure of the grip — from light pressure while gluing to over a ton for crimping. Two-stage finger tip release is gentle and safe — no snap back. A honey of a tool. 8½" overall, 2½" maximum opening.

LT8 - Longnose Clamping Wrench ..... \$7.95



## For Huskier Jobs

Here are two more wrenches with the same design features. These are for heavier work with nuts, pipes, tubing or conduit. Two sizes . . . the LT7 is 7" long for smaller work and the LT10 is 10" long and a very powerful tool. You'll have need for both so we offer a "both price" at a savings, of course!

LT7 - 7" Clamping Wrench ..... \$6.95  
 LT10 - 10" Clamping Wrench ..... \$7.95  
 LT107 - BOTH 7" and 10" (Save \$1.00) ..... \$13.90

## Mink Oil - Nature's Own Leather Preservative



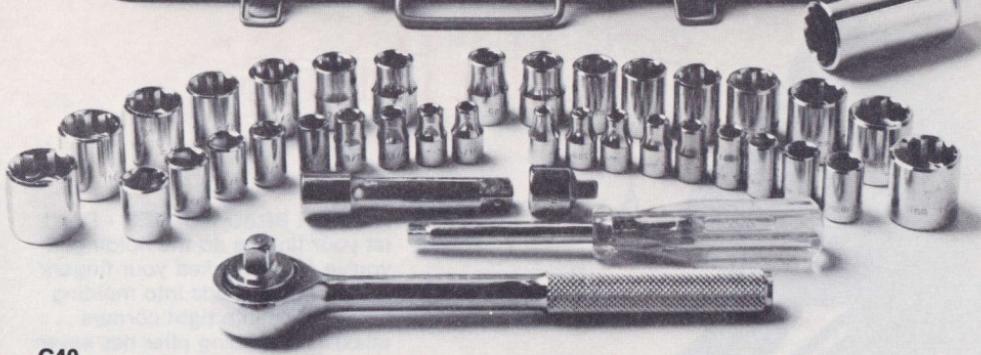
All leathers will dry, crack, and finally die like rotting wood, if the animal oils removed in tanning are not replaced.

The best leather preservative we have found is natural mink oil. It not only keeps the leather supple and glowing as leather should be, but is the best waterproofing for shoes or boots there is. Furthermore, unlike silicone or petroleum based oils or waxes, mink oil lets the leather breathe so that perspiration can evaporate and not rot the leather from the inside.

It is easily applied, since it melts at hand temperature, yet it will not stain your socks or other clothes. No unpleasant odor.

Yes, you can use regular polish over a mink oil application because mink oil penetrates the leather fibers, while waxes and polishes stay on the surface. Use on all leathers: belts, boots, shoes, purses or coats. (I have a 23 year old belt which I treat a couple of times a year with mink oil. It is in better condition than when I bought it!)

MO-102 - Original Mink Oil Creme, 7 oz. Jar ..... \$2.50



C40

## A 40 Piece Set With Every Socket You're Likely To Need - At A Comfortable Price

Really several sets in one:  $\frac{1}{4}$ " drive and  $\frac{3}{8}$ " drive; SAE (inches) as well as metric. So, you can work on your foreign car or bicycle as well as on American machines. Yet the price for this very serviceable set is lower than many single-size sets.

Every piece has a full lifetime warranty of unconditional replacement, if it fails.

### SET CONTAINS

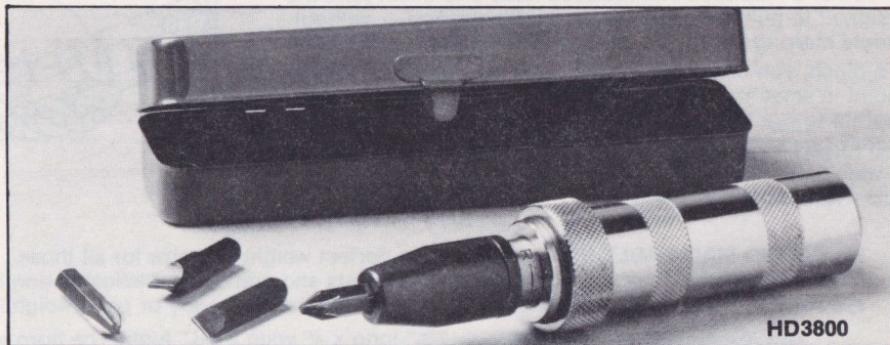
$\frac{1}{4}$ " Drive Sockets  
 $\frac{3}{16}$ ",  $\frac{7}{32}$ ",  $\frac{1}{4}$ ",  $\frac{9}{32}$ ",  $\frac{5}{16}$ ",  $1\frac{1}{16}$ ",  $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ "; 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm.

$\frac{3}{8}$ " Drive Sockets  
 $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $1\frac{1}{16}$ ",  $\frac{3}{4}$ ; 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm.

### PLUS

A  $\frac{3}{8}$ " one-piece, reversible,  $7\frac{5}{8}$ " ratchet; a 3" extension, a  $\frac{3}{8}$ " x  $\frac{1}{4}$ " adaptor, a nut drive handle, a  $1\frac{3}{16}$ " spark plug socket and a steel tool box.

C-40 - 40 pc. Socket Set ..... \$15.90



HD3800

## Impact Driver Unfreezes Nuts, Bolts and Screws Easily

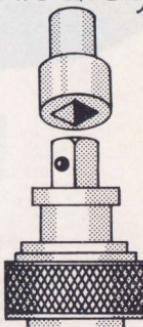
We've all come up against ornery bolts or screws which just won't come loose. Put this impact driver in position and whack it with a hammer...and you're home free!

The force of the hammer blow is converted into tremendous rotational torque which does the job. Once free, just go back to your screwdriver or wrench.

Since the driver is reversible, you can also set nuts, bolts etc. to their tightest.

$\frac{3}{8}$ " square drive fits all  $\frac{3}{8}$ " drive sockets. Included are 2 heavy-duty bits for slotted screws; one each #2 and #3 Phillips bits and a bit adapter. Very ruggedly made.  $6\frac{1}{4}$ " long x  $1\frac{1}{4}$ " diameter. Steel storage case.

HD3800 Impact Driver ..... \$9.95



# "Gotta Haves"

## A Finger Saver!



**NAIL OR BRAD HOLDER** - Don't let your fingers do the holding! If you've ever whacked your fingers while putting brads into molding . . . or nails into tight corners . . . relax! This holding plier has seven gripping surfaces and is offset so that it can reach almost anywhere, yet remain flush with the surface. A very high quality German tool. 8" long; vinyl covered handles.

B44 - Nail or Brad Plier ..... \$12.95



1153

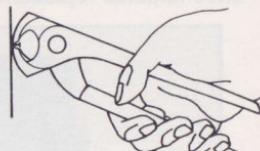
## Nail Pulling Nippers

A heck of a nice tool! The rounded head and offset jaws are designed to pull nails with an easy rolling action — without unduly marring your work surface. The leverage is excellent.

In a pinch, you can even use the flattened portion of the head to pound in small nails or brads. It's also a nipper that can cut mild steel up to  $\frac{3}{32}$ ".

Well forged tool steel with hardened and tempered jaws that are 1" wide and open to 1". Overall length 7 $\frac{1}{4}$ ".

1153 - Nail Pulling Nippers ..... \$12.95



**8½ POUND MALLEABLE IRON ANVIL** - The perfect weight and size for all those middle-sized jobs. Excellent for jewellers, hobbyists and craftsmen. Malleable iron is specially alloyed and cast for shock resistance. Definitely not a toy or paperweight!



7 $\frac{1}{8}$ " long x 4" wide x 4 $\frac{1}{2}$ " high. The horn is 2 $\frac{1}{2}$ " long and the top work surface is 2" x 5". Square and round swage holes add great versatility. 4 screwmounting holes.

K811 - 8½ Lb. Anvil..... \$14.95

**MINI ANVIL** - Perfect for jewelry craftsmen, hobbyists, modelmakers — anyone who works with small parts. Only 5 $\frac{3}{8}$ " long, 1 $\frac{1}{8}$ " wide and 2 $\frac{1}{2}$ " high, the horn is 1 $\frac{1}{2}$ " long. The flat working surface is 3 $\frac{1}{2}$ " x 1 $\frac{5}{8}$ " and the base has four screw mounting holes. Weighs 1 $\frac{1}{8}$  lbs. So good looking, that it can even serve as a great paperweight for your desk!

K111 - Mini Anvil ..... \$4.00

## Anvils

# A Real Gem of a Plier Set

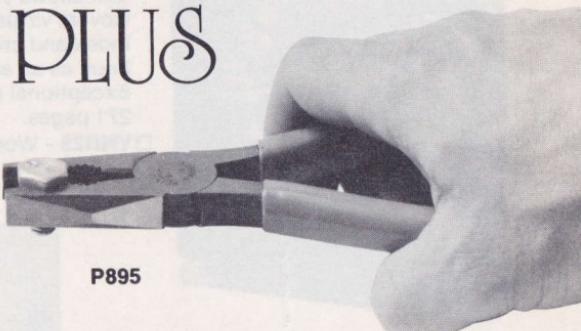
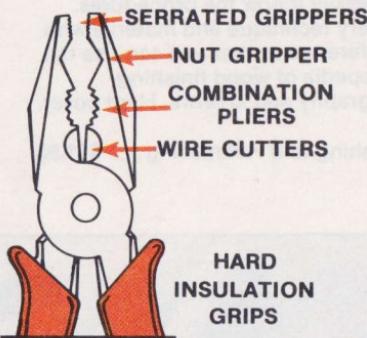


## 6 PIECE MINI-PLIER SET - These

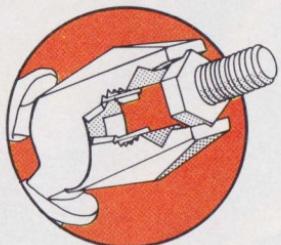
4"-gems are used in electronics, jewelry making, crafts and all kinds of hobbies. The copper alloy rivet acts like a precision bearing by eliminating steel to steel friction in a corrosion proof joint that will not only wear longer but maintain alignment of tips and electronically hardened cutting edges. Each plier is complete with an "anti-fatigue" coil spring. Set consists of one each curved, long-nose; diagonal cutting; duck bill; transverse end cutter; angled (29°) flush cutting and round nose pliers . . . in a handsome genuine suede carrying kit with two flap snaps.

C1 - 6 Piece Mini-Plier Set ..... \$63.50

# Nut Pliers PLUS



P895



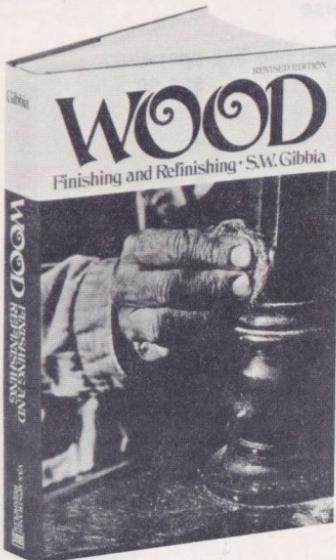
You should have one of these in your car and another in your tool box. No other pliers we know of are actually designed to grip nuts. Ordinary combination pliers tear 'em up. Leichtung's nut pliers have specially shaped openings in tip and sides to grip a wide size range of nuts firmly.

They are also combination pliers and wire cutters with comfortable, insulated handles to reduce the hazard of electric shock. A heavy duty, beautifully made French tool from the Peugeot car people. 7 1/4" long.

P895 - Nut Pliers ..... \$12.95



You Can Order Tools By Phone:  
**CALL TOLL FREE 800-321-6840**  
Ohio Residents Call: (216) 831-6191



## Wood Finishing and Refinishing (Rev. Ed.)-Gibbia

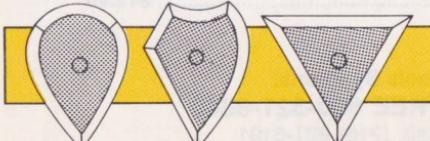
A most thorough study of wood finishing. Organized in an illustrated step-by-step format that allows you to easily follow the procedures. Covers virtually every technique and material with index and cross-reference so that you can use the book as an encyclopedia of wood finishing. Exceptional photography and artwork. Hard cover, 271 pages.

VNR29 - Woodfinishing and Refinishing ..... \$11.95

## Shavehooks

**SET OF 3 SHAVEHOOKS** -Exceptional scrapers have a variety of straight and curved edges to reach corners, flat and curved surfaces others can't touch. Beechwood handle is fitted with shanks which extend completely through the handle and blade for durability. Each tool is approximately 8 $\frac{3}{4}$ " long.

1423 - Set of 3 Shavehooks ..... \$11.95



# HAMILTON BRUSHES

Protect Your Investment!  
Don't Finish A Costly Job  
With A 79¢ Brush!

Experts tell us that the finest brushes are made of the pure black hair of the Chinese boar. Because the boar lives in dense underbrush, his bristles are thoroughly "flagged" or split and so hold and spread paint best.

Hamiltons (London) has supplied the Royal Navy with brushes since 1809. They know brushes. Their pure black China bristles are set in vulcanized rubber; ferrules are nickel plated steel. Solid beech handles are triple-dipped in clear gelatene enamel, impervious to all known solvents.

Pinch a Hamiltons between thumb and forefinger, right above the ferrule and you'll feel the fullness of the bristles. This is the acid test of quality. "Cheat" brushes, in order to skimp on expensive bristles, use heavy "wedging" between the rows of bristles resulting in poor retention of finish or paint which is the cause of streaks.



## 900 SERIES - FLAT PURE BLACK CHINA BRISTLE BRUSHES

Use on all flat surface for even, streakless coats.

Brush No.	Width	Thickness	Bristle Length	Price
<input type="checkbox"/> 901	1"	5/8"	2"	\$ 4.95
<input type="checkbox"/> 902	2"	3/4"	2 1/2"	\$ 7.95
<input type="checkbox"/> 903	3"	7/8"	3"	\$13.95
<input type="checkbox"/> 9123 (Buy all 3 brushes: 901, 902, 903; save \$2.35) .....				\$24.50



## 297 SERIES — OVAL PURE BLACK CHINA BRISTLE

BRUSHES - For run-free finishes on rounded surfaces . . . moldings, frames, masts and booms.

Brush No.	Width	Thickness	Bristle Length	Price
<input type="checkbox"/> 2971	1"	5/8"	2"	\$4.95
<input type="checkbox"/> 2972	2"	1 1/8"	2 5/8"	\$9.95
<input type="checkbox"/> 297B (Buy Both Brushes; 1 and 2", save \$1.15) .....				\$13.75



**9806 - SASH TOOL** - 2" long pure black China bristles in a 6" brush. Especially good not only for window sashes but also for difficult-to-get-at places in carved areas.

<input type="checkbox"/> 9806 - Sash Tool .....	\$4.50
---	--------



**1101 - "FERRET" CUTTING-IN-BRUSH** - Pure black China bristles designed for window frames and moldings. Angle-cut for accuracy. 3/4" wide, 7/16" thick, 1 1/2" long bristles.

<input type="checkbox"/> 1101 - Cutting-In-Brush.....	\$2.95
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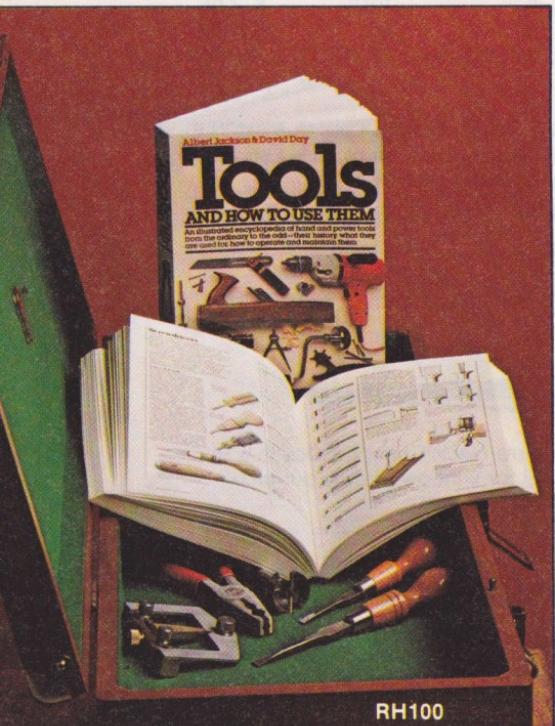
7123

# Make Your Own Weather Station

Build your station vertically or horizontally in a design to fit the decor of your home. A practical, fun evening's project.

Made in England, this matched set includes a barometer, thermometer and hygrometer - which measure atmospheric pressure, temperature and relative humidity. These extremely handsome devices are each 70mm (2 $\frac{3}{4}$ ") at the polished brass bezel with a back diameter of 56mm (2.2"). Simple fitting rings are included. Wood not included.

7123 - Weather Station ..... \$18.95



RH100

# Tools And How To Use Them by Jackson and Day

This may very well be the best looking, most interesting book on tools you'll ever see!

I picked up a copy on the way to Europe and 6 hours later, as we landed in London, I was still totally fascinated! The artwork is absolutely tops and the authors really did a job of research on both old and new tools. I can't think of a better gift for a craftsman. Soft cover, 352 pages, over 1500 drawings!

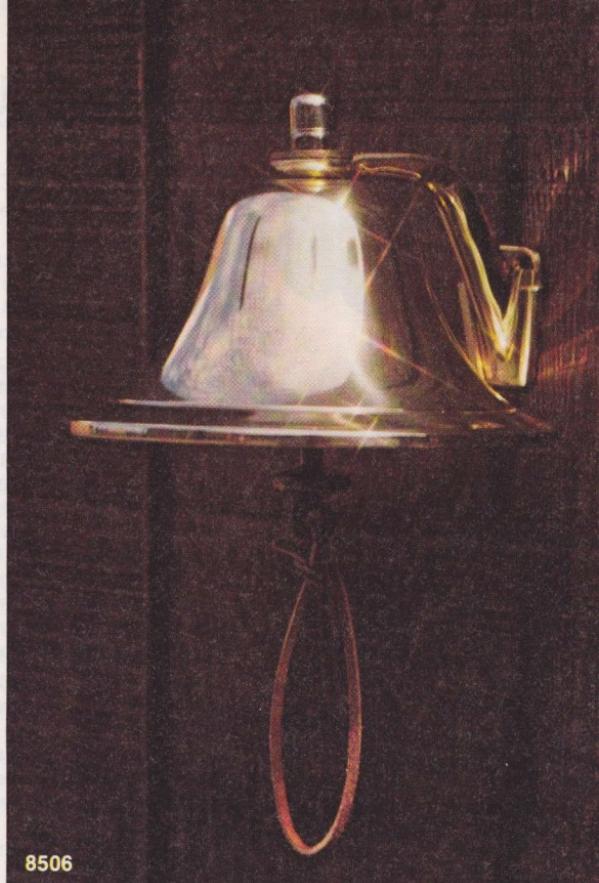
RH100 - Tool Book ..... \$8.95

# The Call Of The Sea...

We've used a dinner bell in our house since we got married — 25 years ago. For years it was a copper cow bell that looked and sounded awful!

About 6 years ago, I bought one of these sailor's watch bells for the patio and another for the kitchen. Not only are they really good looking but the peal of the solid brass bell quickly gets the kids down from their rooms and me up from the basement or out of the garage. In our house, its song means "dinners ready" . . . and what could sound prettier than that! Our guests love the looks and can't resist giving the lanyard a tug. You'll love it too. 6" diameter bell and all hardware are solid brass. (Lanyard not included.)

8506 - Sea Bell.....\$29.95



8506

# RENAISSANCE

The Furniture Preservative Developed  
for the British Museum - And You

Renaissance is the result of 20 years of research by museum scientists to perfect a protective, preservative polish for their priceless national antiquities. It is now specified worldwide by museums, art galleries and restorers. Here's what it will do for your own showpieces:

Renaissance gently lifts the murky build-up of commercial polishes to leave surfaces delightful to see **and touch**. It is translucent so that years of application, on even newly made pieces, will not obscure grain or marquetry detail; indeed a Renaissance treated surface seems to catch the light and glow!

Renaissance provides a very hard, durable finish which protects surfaces against normal household spillages, **including alcohol**. Finger marks are easily buffed away. To top it off, very small dabs go a very long way and refinishing is less often needed, so it is, indeed, economical. Your best work - and even store bought furniture - deserve Renaissance.



RP1

RP1 - Renaissance Wax (1/2 Pound Can).....\$7.50

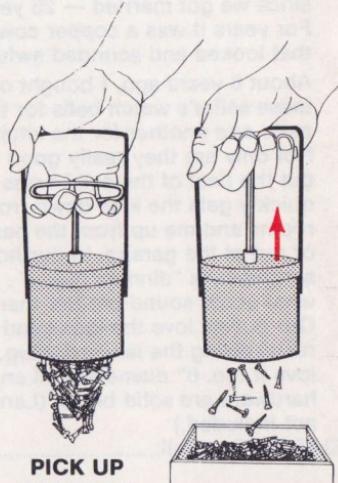
# A Quick-Release Pickup Magnet!

Any magnet will pick up ferrous metal parts; filings, nuts, screws and lathe or mill waste. The problem is that once your magnet has picked the stuff up, you then have to get it off the magnet!

Our quick-release magnet ingeniously solves that problem. Just lift the inner handle and you raise the magnet which breaks the magnetic field and releases scrap into the trash can or parts into a bin without cutting your hands or getting them oily. The 3½" high aluminum canister contains a powerful ceramic magnet that will lift pounds of parts or scrap.

A farmer friend of ours drags one under his barbed wire fence to pick up fence staples so that his herd won't swallow them! He swears by the quick-release magnet. You will too.

BL7 - Quick Release Magnet.....\$19.95



PICK UP POSITION  
RELEASE POSITION

## This Really Cuts It!



What's so different about these shears? Glad you asked! The blades themselves are curved so that you can cut straight lines, curved lines or even circles in sheet metal, brass, or copper. Not only is it a great tinsnip but it will serve endlessly as a garden shear.

We say "endlessly" because the grips are "ergonomically" designed to reduce muscle fatigue. Spring loading keeps the jaws open for easy one-hand operation. (Jaws may be locked closed with a flick of the safety catch.)

Krupp-Nirosta stainless steel blades prohibit garden corrosion. Hi-impact plastic handles.

481 - Stainless Snips.....\$14.95





GT200

PS15

**WEEDER/ROOTER** - No question about it! The toughest job in your garden is getting the **whole** weed root out. If you don't get it all, you've got the weed all summer.

Our Weeder-Rooter is built to penetrate the deepest, hardest soil to get you down to the base of the roots. The 15" ash handle gives you enormous leverage on both your swing and pry motions. The hardened and tempered steel tines and beveled cultivator edge will take punishment for years . . . and stand up. A great tool, if you want the whole root and nothing but the root! The overall head is  $7\frac{1}{2} \times 2"$ .

GT200 - Weeder/Rooter ..... \$7.95

**CLASSIC JAPANESE PRUNING SAW** - The Japanese have always been known for beautiful gardens. Even their specialized garden tools reflect a serene blend of design and function.

Think of it: We cut through a 2" limb in less than 10 seconds with this amazing pruning saw! The steel is very tough and the rough-set 8 pts/inch blade is designed for easy, speedy cutting.

The sheath is hardwood with a leather belt hanger. The beech handle is curved for support on both push and pull strokes and is 5" long. The blade is  $8\frac{3}{4}$ " long and is double riveted into the handle. Hard to improve upon this ancient tool.

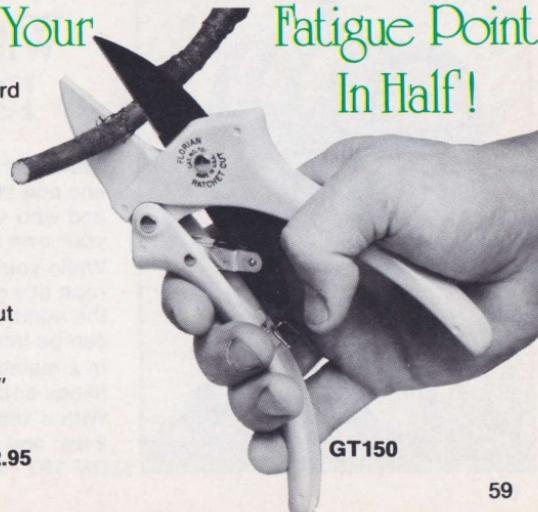
PS 15 - Japanese Pruning Saw ..... \$9.95

## Ratchet Pruner Cuts Your

Let's face it — pruning branches is hard on your hand . . . or used to be. Our new, patented pruner works on a compound leverage ratchet system that'll amaze you. Just squeeze; let go (here's where the ratchet takes over) and squeeze again and you've cut through a  $\frac{3}{4}$ " branch!

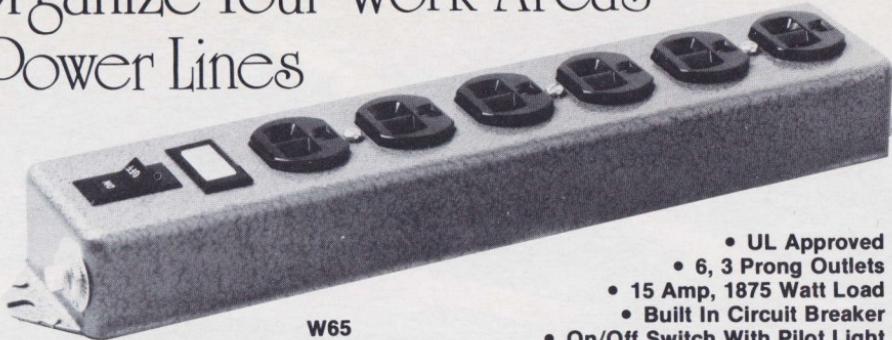
Hardened, tempered blade is Teflon coated so that it slides through without sticking . . . and won't rust. Handle is designed to prevent blisters. Locks closed for storage in vinyl sheath.  $7\frac{1}{4}$ " long. A must whether you're cutting roses or tree limbs.

GT150 - Ratchet Pruner ..... \$12.95



GT150

# Organize Your Work Area's Power Lines



- UL Approved
- 6, 3 Prong Outlets
- 15 Amp, 1875 Watt Load
- Built In Circuit Breaker
- On/Off Switch With Pilot Light

It's not only unsightly, but flat-out dangerous the way we all tend to just keep adding tools or appliances to a multi-outlet cube surrounded by a jungle of wires.

Here's a neat, safe way to convert one outlet into many. Six 3-prong outlets will take a 15 amp, 1875 watt load. A built-in circuit breaker absolutely prevents dangerous overload. As extra safety features, there are also an on-off switch and a pilot light to let you know at a glance that the power is on or off. Sturdy steel construction; complete with mounting clips. 13" long by 2 1/4" wide by 1 1/2" high. 6', 3 wire (14AWG) jacketed cord with molded grounding plug.

**NOTE - This Is UL approved.** Beware of similar bars that do not specify the UL listing.

**W65 - 6 Outlet Bar** ..... \$19.95

## Find That Buried Treasure!



**RM150**

## With This 150 lb. Pull Retrieving Magnet

Trawl with this powerhouse magnet cinched to a line and bring up outboard motors, boat parts — and who knows what treasures! Use it to retrieve your own ferrous parts dropped overboard.

While you're walking the beach, drag it from a rope (it's good exercise!) and you'll be amazed at the oddities it will lift from the sand. (Even "junk" can be interesting).

In a metalworking shop, drag the floor to pick up filings and turning scraps . . . or lift sheet stock. With a 150 lb. pull, it still weighs only a little over 2 lbs. and is 5" x 15<sup>1</sup>/<sub>16</sub>" x 2". 9<sup>1</sup>/<sub>16</sub>" I.D. eyelet.

**RM 150 - 150 Pound Pull Magnet** ..... \$14.95



TW15

## The Puukko Pocket Packer

On page 67 is our famous Finnish puukko knife. This pocket version is made of the same superb stainless steel with an ingenious plastic handle that doubles as a sheath.

Nicely finished for the price but the Puukko steel is the real value. 3 $\frac{3}{4}$ " blade; 8 $\frac{1}{2}$ " overall. Folds to 4 $\frac{3}{4}$ ".

TW15 - Folding Puukko..... \$12.95



## How About Really Sharp Kitchen Knives!



CS109

Most homemakers don't quite have the hang of using an oilstone. It does take some practice to consistently stroke the stone at the correct angle on both sides.

Now, all you've got to do is slice straight down on the preset, space-age ceramic sticks and in a couple of strokes — lo and behold! . . . a sharp kitchen knife for a change. (NEVER use an electric can/opener sharpener on a decent blade!)

When not in use, the ceramic sticks are stored in the solid walnut block, which can be handsomely wall-mounted. Yes, it can be used for all knives.

CS109 - Ceramic Knife Sharpener..... \$9.95



# The Most Often Used Tools In Your House



You own hundreds, perhaps even thousands of dollars worth of tools. You wouldn't dream of using anything less than the very finest. Yet, when it comes to the only tools you use **daily**, you settle for old clunkers that never were any good. Every time you're called on to cut the turkey or the roast, you cuss out the old clunkers and make a mental note to get "a decent set." Do it now!

I spent two years looking for **THE** set for my own use. I found three manufacturers who made fabulous sets. Of these three, I chose the very best, Dreizack of Solingen. They were a little more expensive but the extra handwork was worth it.

The steel alloy is perfect: high carbon for the sharpest edges; chromium makes it stainless; molybdenum for toughness and vanadium for flexibility. (This is surgical steel.)

Each piece is hand forged by skilled smiths. This gives the steel a very fine grain structure for strength. Then the knives are precisely heat-treated which leaves them very hard but brittle. To reduce brittleness, they are then precisely tempered. Because of the shape of the forged bolsters, every knife must be hand-ground to a straight "V" shape by experts, not automatic machines.

Dreizack's blades and tangs go completely through the handles which are held in place by 3 German Silver compression rivets. The handles are hardwood, impregnated with plastic to make them dishwasher-safe.

You can buy cheaper sets anywhere. Leichtung is proud to bring you the very best at a reasonable price.

The set contains one each, 9" carving knife, 6" sandwich knife, 8" cook's knife, 3½" paring knife and a 6" straight meat fork. (Sizes are blades or tines only.)

**EW555 - Knife Set.....\$115.00**



## Golden Oak Kitchen Tool Rack Beauty With Power

Kitchen tools must be close at hand in an efficient kitchen. You simply don't have time to rummage through drawers for a ladle or parer. No storage method beats a magnetic rack.

But the ordinary magnetic rack is underpowered and looks like a refugee from a tool shop. Not Leichtung's! Leichtung's very powerful magnets are set between two ¾" steel bars to produce an extraordinary magnetic field. (20 lbs. of 'pull' per inch!) The gripping area is surrounded by oiled, solid golden oak for a rich, warm appearance that will do wonders for any kitchen's decor. 12" long.

**KM12 - 12" Kitchen Tool Bar.....\$14.95**  
**2 or more (save \$3.00 each) .....\$11.95 each**

# The DREIZACK Bolster:

This particularly wide bolster is characteristic of every DREIZACK (TRIDENT) knife - the proof of quality and a guarantee for a lifetime of use.

EW555





4149

## The DREIZACK Loaf Knife

A matched companion piece to the Dreizack knife set shown on page 63. This knife is specifically designed to slice through fresh bread (not as easy as it may seem!) without crushing the inside and shattering the crisp crust. Full Dreizack quality is very clearly built in.

4149 - Loaf Knife ..... \$23.95



4461

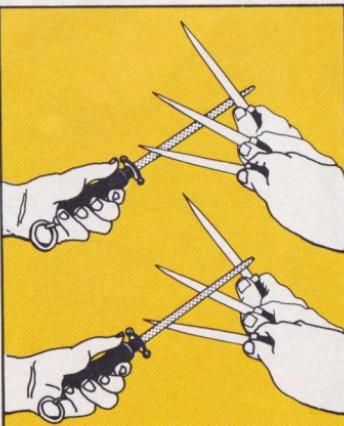
## The DREIZACK Sharpening Steel

Contrary to popular belief, a sharpening steel doesn't "sharpen" a knife at all! Real sharpening is done on Arkansas stones. **HOWEVER**, top quality knives (like our Dreizacks) rarely need **real** sharpening.

The purpose of a steel is to straighten and reset a fine edge after it has been turned up under cutting pressure. That's why your butcher is constantly zinging away on his steel before each order. . .he's straightening his razor sharp edge.

The Dreizack steel is particularly fine (the finer and more parallel the grooves, the better the sharpening steel). We strongly recommend it for your Dreizacks or other very high quality knives. 10" steel; 15" overall; hand guard; hanging ring, hardwood handle.

4461 - Sharpening Steel ..... \$14.95



# Ordering Information

**TO ORDER:** Please use the easy order form on the other side of this page. (There is another order form in the catalog.) If you run out of order forms, any piece of paper will do!

If there are any errors or omissions in your name or address, (e.g. apt. #) please correct the label.

**TELEPHONE ORDERS:** By all means use our TOLL FREE number to order. Call 800-321-6840. We'd appreciate it if you'd have your Mastercharge or Visa card ready, along with a list of the tools you want so that we can take your order efficiently.

If you plan to pay by check, please mail your order in.

**QUESTIONS:** Please direct all questions about your order to our "Customer Service Department" either by mail or phone (216-831-6191). **Please do not call our order department's toll free number because the people in that department will not have the answers.** Sorry, we cannot accept collect calls.

**PAYMENT:** We accept Mastercharge and Visa, money orders and cashier's checks. Personal checks are, of course, accepted upon clearance. No C.O.D.'s please.

**A WORD ABOUT PRICES:** The prices shown are subject to change without notice. If they should change, you will be contacted and given the option to cancel your order before we ship.

**\$10 MINIMUM NET ORDER:** We've found that we lower our order processing costs substantially by requiring a minimum net order of only \$10.00. These savings are passed on to you in the form of lower prices. We know you'll understand and we appreciate it.

## LAYAWAY PLAN - Take the strain off your budget!

1. Use the order form to order.
2. Send at least 25% of the total net order amount. Note: minimum layaway order is \$100.00 in which case, for example, you would send at least \$25.00 with your order.
3. After this initial payment, send additional payments whenever it suits your budget. The only stipulation is that the total bill is to be paid within 90 days. If not paid in full in 90 days, all payments will be returned to you and the order cancelled.
4. Your purchases will be shipped when you have completed payment.

**IF YOU DECIDE TO CANCEL YOUR ORDER, YOU WILL RECEIVE A FULL REFUND. THERE IS NO CARRYING CHARGE.**

**SHIPMENTS:** We make every effort to ship on the day an order reaches us. However, we are always flooded with orders soon after we mail a catalog. Even so, it is rare that we won't get your order out within a work week.

**BACKORDERS:** Neither you nor we like backorders. However, since our tools come from all over Europe, it is impossible to avoid an occasional late shipment. We will however, keep you informed of the status of any backorders and you will always have the option to cancel, should you decide not to wait.

**MOVING SOON?** If you move, by all means let us know your new address as soon as possible. The Post Office will gladly give you change of address cards. In this way, you won't miss any of our catalogs.

**MAIL PREFERENCE SERVICE:** LEICHTUNG occasionally makes our customer list available to other high quality mail order firms. In many cases the products offered will be of interest to you. If you would prefer not to receive these mailings, please let us know.

**OUR GUARANTEE:** If you are not entirely satisfied with any purchase, you may return it within 30 days for a full refund of your purchase price. Send it back with your name and address and the one word, "REFUND."

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May we have your phone number?  
It will help if we need to call you  
about your order.

**Area Code**

### Phone Number

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**SHIP TO:** (If different from SOLD TO)

Name \_\_\_\_\_

**Address** \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**MINIMUM NET ORDER:** Due to sharply rising processing and handling costs we must establish a minimum NET order of \$10.00. (It helps keep prices down.) Thanks for your understanding.

**Net Amount of Order**

## If Layaway Down Payment

#### **Shipping, Handling and Insurance**

**Ohio Residents  
Add 5½% Tax**

**TOTAL PAYMENT**

**C** You Can Order

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**CALL TOLL FREE**

**CALL TOLL FREE  
800-221-2212**

**800-321-6840**

**Ohio Residents Call (216) 831-619**

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**You Can Order  
Tools By Phone:**

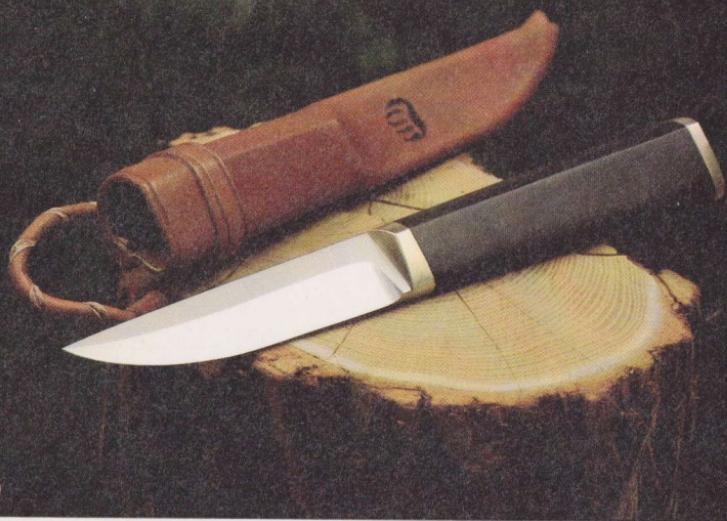
**CALL TOLL FREE  
800-321-6840**

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(For Master Charge only) also enter 4 digits below Account No.

Credit Card Good Thru                      Signature

TW10



## The Finnish Puukko Knife

Right after WWII, a Finnish ski-trooper presented me with his puukko knife. He had used it lethally every day for four years, as a raider on the Russian front. His life depended on complete silence so that he never carried a gun — only his puukko.

I used the knife for 12 years, until it was lost on a camping trip. I bought a second one and have been using it (non-lethally, let me hasten to add!) for 20 years. It is still perfect in every detail and has the finest edge I've ever seen on a field knife.

The black Nylon handle is slightly triangular so that it fits naturally into the fold of your hand. Solid brass fittings. The tang of the stainless steel knife goes all the way through the brass of the butt. Genuine leather sheath with traditional woven leather belt-hanger. 4" blade; 8½" long overall.

TW10 - Finnish Field Knife ..... \$24.95



DM30

## Genuine Diamond Knife Sharpener

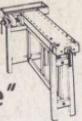
Over 10 million diamond cutting edges are bonded to a steel rod to produce the fastest pocket sharpener in the world. Nothing is harder than genuine diamond and so any cutting tool edge is easily sharpened and dressed by this handsomely made hone.

The rod is stored in its solid brass handle and this in turn fits neatly into a genuine leather sheath with belt hanger. Very clear instructions. Great for craftsmen and outdoorsmen. Rod is 3½" long; overall length (opened) 8½".

DM30 - Diamond Hone ..... \$19.95

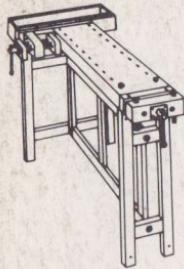
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"THE Workbench People"



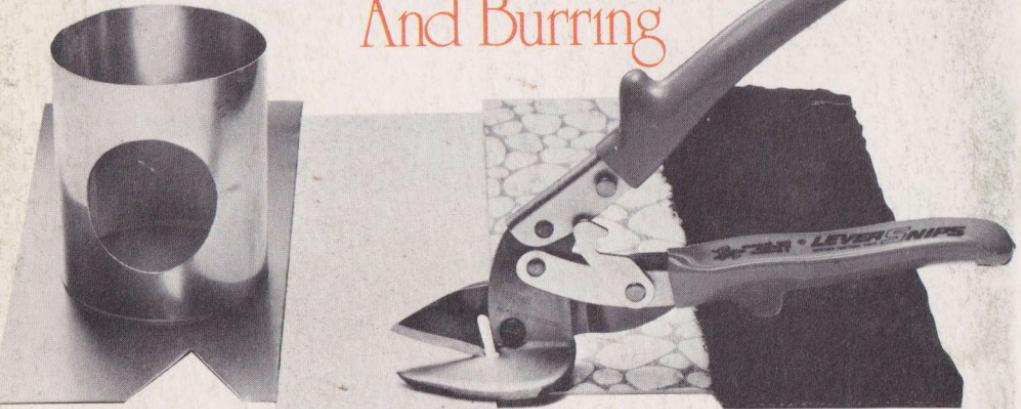
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LEICHTUNG, INC.

## New Compound Leverage, Offset Snips Cut Without Curling And Burring



SHEET METAL  
AND DUCT

FORMICA

LINOLEUM

CARPETING

Because the handles are offset — above the cutting surfaces — they don't get in the way of your cutting. (Keeps your hands from getting gashed on metal ends, too!) The offset feature and the design of the blades themselves make for distortion free clean cutting, exactly where and how you want to cut . . . straight, arcs, circles, you name it.

The compound leverage design gives you power to spare to cut 18 gauge metal, carpeting, linoleum and laminates. A necessary tool for craftsmen, artists, hobbyists and for general around the house use. 8 $\frac{3}{4}$ " long. Clip locks jaws for storage. Vinyl grips.

LT9 - Offset Snips ..... \$14.50